

Available from

Superintendent of Documents  
U.S. Government Printing Office  
Post Office Box 37082  
Washington, D.C. 20013-7082

A year's subscription consists of 12 issues for  
this publication.

Single copies of this publication  
are available from National Technical  
Information Service, Springfield, VA 22161

---

---

# Title List of Documents Made Publicly Available

February 1-28, 1990

---

---

Date Published: June 1990

**Division of Freedom of Information and Publications Services  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555**







## CONTENTS

Preface.....	v
Arrangement of Items by Docket Number .....	ix
Alphabetic Arrangement of Docket Items by Facility Name.....	xv
Docket Items .....	1
Low Level Radwaste Disposal Sites — Docket 27 .....	1
Domestic Licensing of Source Material — Docket 40 .....	1
Domestic Licensing of Production and Utilization Facilities — Docket 50 .....	9
Domestic Licensing of Special Nuclear Material — Docket 70 .....	172
Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions — Docket 71 .....	175
Licensing of Independent Spent Fuel Storage — Docket 72 .....	181
Nondocketed Items .....	183
10 CFR — Commission Meeting Records .....	183
ACNW — Advisory Committee on Nuclear Waste .....	183
ACRS — Advisory Committee on Reactor Safeguards .....	183
ADVCM — NRC Advisory Committee .....	183
COMMISSION — NRC Commissioners .....	184
CONTRACT — NRC Contracts and Modifications .....	185
FOIA — Freedom of Information Act Requests and Releases .....	188
GEN TECH IS — Generic Technical Issues .....	197
I&E — Inspection and Enforcement .....	198
NUREG — NUREG Reports and Related Correspondence .....	199
ORG — Correspondence with Other Organizations .....	202
PR — Proposed Rule .....	203
PRM — Petition for Rulemaking .....	207
PROJ — Projects - Predocket Licensing .....	207
PT21 — Noncompliance Reports and Related Correspondence .....	208
QA999 — Quality Assurance Inspections .....	209
REGGD — Regulatory Guides .....	209
REVIEW GROUP — NRC Research Review Groups .....	210
SECY — Position Papers Before the Commission .....	211
STATE PROG — State Programs .....	211
TOPREP — Vendor Reports and Related Correspondence .....	213
WASTE MDT — Nuclear Waste Management .....	214
WASTE RES — Waste Management Research Reports .....	217
XPORTLIC — Export and Import Licenses .....	217
Personal Author Index .....	221
Corporate Source Index .....	239
Report Number Index .....	255
Cross Reference of Enclosures to Principal Documents .....	257
Appendix A — Definitions of Docket 50 Categories .....	A-1
Appendix B — Definitions of Nondocketed Categories .....	B-1



---

## PREFACE

---

The *Title List of Documents Made Publicly Available* is a monthly publication. It contains descriptions of the information received and generated by the U.S. Nuclear Regulatory Commission (NRC). This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. As used here, *docketed* does not refer to Court dockets; it refers to the system by which NRC maintains its regulatory records. This series of documents is indexed by a Personal Author Index, a Corporate Source Index, and a Report Number Index.

The docketed information contained in the *Title List* in-

cludes the information formerly issued through the Department of Energy publication *Power Reactor Docket Information*, last published in January 1979. Microfiche of the docketed information listed in the *Title List* is available for sale on a subscription basis from the National Technical Information Service (NTIS). See NOTES at the end of the Preface for the complete NTIS address.

We encourage your comments, criticisms, and suggestions. In particular, if there are title descriptions that are not meaningful, please let us know so that we can correct the data base. Insofar as possible, we would like this document to be a valuable part of your reference material.

---

## DOCKETED ITEMS

---

The listings within Docket 50 are divided into the categories used for filing and searching in the NRC Public Document Room. Those categories are

- A. Application/construction stage documents and correspondence
- B. Utility Preliminary Safety Analysis Reports (PSAR), amendments
- C. Utility Environmental Reports (ER), amendments, and correspondence
- D. NRC Draft and Final Environmental (Impact) Statements (DES and FES), supplements and correspondence
- E. NRC Safety Evaluation Reports (SER), supplements and correspondence
- F. Security, medical, emergency, and fire-protection plans
- G. Legal and adjudicatory correspondence
- H. General correspondence
- I. Financial information
- J. Insurance and indemnity information
- K. Utility Final Safety Analysis Reports (FSAR) and amendments
- L. Limited work authorizations (LWA) and related correspondence
- M. Antitrust reviews and antitrust correspondence
- N. Antitrust hearing transcripts, testimony, and briefings
- O. Advisory Committee on Reactor Safeguards (ACRS) reports and correspondence
- P. Operating license stage documents and correspondence
- Q. Inspection reports, IE Bulletins, Circulars and Information Notices, civil penalties, and related correspondence
- R. Periodic operating reports and related correspondence
- S. Reportable occurrences, PNOs, PNSs, and related correspondence
- T. Transcripts, testimony, and briefings on non-antitrust matters
- U. Congressional/executive correspondence
- V. Licensing of operators and related correspondence
- W. Decommissioning stage documents and correspondence
- X. Onsite storage of low-level waste
- Y. Independent spent fuel storage installations

---

## DOCKETED ITEMS (cont.)

---

Appendix A sets forth those categories and describes the materials available in each. Omission of a category in the listing for a docket indicates that no documents in

that category were filed in the time period of the report.

The principal elements of the entries in the list are

- ① P. Operating license stage documents & correspondence

② 8907070172 ③ Commends util for exemplary hospitality extended to visiting Soviet technical working group on 890608.

④ DENTON, H.R. ⑤ Office of Governmental & Public Affairs (Post 870413). ⑥ 89/06/27

⑦ CLARK, P.R. ⑧ General Public Utilities Corp.—GPU Service Corp. 2 pp. ⑨ 50442:181-50442:182  
⑩  
⑪  
⑫  
⑬

1. NRC/PDR Document category (see Appendix A).
2. NRC/PDR Accession Number (year, month, day, and sequence number of item).
3. Description of information contained in the document.
4. Personal author(s). An asterisk in this position indicates that there is no personal author.
5. Author affiliation (NRC, corporate, agency, or nonindividual source).
6. Date of document described.
7. Recipient of the document.
8. Recipient affiliation (NRC or corporate).
9. Pages in this document.
10. This five-digit number is the NRC 48X microfiche designation.

11. The three-digit portion of this entry is the number of the frame on which this document starts.
12. This five-digit number is the microfiche on which this document ends.
13. The three-digit portion of this entry is the number of the frame on which this document ends.

The Docketed Items list is arranged sequentially by Docket Number, category, and then by date of principal items. Entries indented and preceded by a dash are items that were submitted as enclosures to principal items. In general, indented items are not in accession number sequence. If the docketed document has a contract (FIN) number of a formal report number, it will appear in the last line of the item following entry 5.

---

## NONDOCKETED ITEMS

---

The nondocketed items are divided into the categories used for filing and searching in the NRC Public Document Room. These categories and their symbols are:

10CFR—Commission Meeting Records

ACRS—Advisory Committee on Reactor Safeguards

ADVCM—NRC Advisory Committees

COMMISSION—NRC Commissioners

CONTRACT—NRC Contracts and Modifications

## NONDOCKETED ITEMS (cont.)

DISCLOSURE—Financial Disclosure Information

FOIA—Freedom of Information Act Requests and Releases

GEN TECH IS—Generic Technical Issues

IE—Inspection and Enforcement Issuances

MISC—Public Document Room Miscellaneous

NUREG—NRC-Issued Formal Reports and Related Correspondence

ORG—Organizational File

PR—Proposed Rules

PRM—Petitions for Rulemaking

PROJ—Projects

PT21—10 CFR Part 21 Deficiency Reports

QA999—Quality Assurance Inspections

REGGD—Regulatory Guides

RES—Research and Technical Assistance Reports

REVIEW GRP—Research Review Groups

RM—Rulemakings

SECY—Staff Position Papers Before the Commission

STATE PROG—State Programs

TOPREP—Vendor Topical Reports and Correspondence

WASH—AEC-Issued Formal Reports and Correspondence

WM—Waste Management Documents

WMRES—Waste Management Contract Documents

XPORTLIC—Exports and Import Licenses

Appendix B sets forth these categories and describes the material available in each. Omission of a category in the listing for a docket indicates that no documents in that category were filed in the time period of the report.

The principal elements of the nondocketed items are

① NUREG—NRC-Issued Formal Reports and Related Correspondence

②                      ③                                      ④  
8910100307 NUREG/CR-5340 DATA SUMMARY REPORT FOR FISSION PRODUCT RELEASE  
TEST VI-2

⑤    ⑥  
OSBORNE, M.F., COLLINS, J.L., LORENZ, R.A. Oak Ridge National Laboratory.

⑦                      ⑧                      ⑨                      ⑩                                      ⑪  
FIN B-0127. ORNL/TM-11105. 89/09/30. Division of Systems Research (Post 880717). 69 pp.

⑫    ⑬    ⑭    ⑮  
51409:065-51409:134.

- |  |  |
|--|--|
| <p>1. Nondocket category.</p> <p>2. NRC/PDR Accession Number (year, month, day, and sequence number of item).</p> <p>3. NRC Report Number.</p> | <p>4. Title and description of information contained in the document.</p> <p>5. Personal author(s). An asterisk in this position indicates that there is no personal author.</p> |
|--|--|

---

## NONDOCKETED ITEMS (cont.)

---

6. Corporate, agency, or other nonindividual source.
  7. Contract of financial identification number (FIN), if any.
  8. Secondary report number, if any.
  9. Date of document described.
  10. NRC organizational recipient (or sponsor).
  11. Pages in this document.
  12. This five-digit number is the NRC 48X microfiche designation.
  13. The three-digit portion of this entry is the number of the frame on which this document starts.
  14. This five-digit number is the microfiche on which this document ends.
  15. The three-digit portion of this entry is the number of the frame on which this document ends.
- The Nondocketed Items list is arranged sequentially by Accession Number within category. Indented items preceded by a dash are enclosures to unindented items.

---

### NOTES:

1. The address for GPO is

Superintendent of Documents  
U.S. Government Printing Office  
P.O. Box 37082  
Washington, DC 20013-7082

To place orders, send check or money order payable to the Superintendent of Documents. GPO Deposit Account holders may charge their orders by calling 202-275-2060.

2. The address for NTIS is

National Technical Information Service  
5285 Port Royal Road  
Springfield, Virginia 22161

To place orders for or to obtain price information about NRC publications at NTIS, either write to NTIS or call the Sales Desk at (703) 487-4650. Specify the NRC report number and title when you place your order. Publications can be charged to American Express, Visa, or Mastercard credit cards; supply the charge card number when placing your order.

3. The address for the PDR is

2120 L Street, NW., Lower Level  
Washington, DC 20555

To place orders, either write to the NRC PDR or call (202) 634-3273. When ordering documents listed in this publication, please identify the Document Accession Number for each citation. Paper copy and microfiche of the documents listed in this title list may be purchased. Reproduction charges and method of payment, based on the current reproduction contract, are obtainable from the PDR.

## ARRANGEMENT OF ITEMS BY DOCKET NUMBER

Docket	Name	Page	Docket	Name	Page
<b>Low Level Radwaste Disposal Sites - Docket 27</b>			40-8786	URANIUM RESOURCES, INC., RICHARDSON, TX	7
27-048	RICHLAND, WA, U.S. ECOLOGY, INC.	1	40-8801	WESTLAKE LANDFILL, NORTHBROOK, IL	7
<b>Domestic Licensing of Source Material - Docket 40</b>			40-8820	AMAX, INC., GOLDEN, CO	7
40-1162	AMERICAN NUCLEAR CORP., JEFFREY CITY, WY	1	40-8857	POWER RESOURCES, INC., GLENROCK, WY	7
40-1341	TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TN	1	40-8902	ANACONDA MINERALS CO., GRANTS, NM	7
40-1571	INTERIOR, DEPT. OF, RESTON, VA	1	40-8903	HOMESTAKE MINING CO., GRANTS, NM	8
40-1852	FISHER SCIENTIFIC CO., FAIR LAWN, NJ	1	40-8904	BP AMERICA, INC., CLEVELAND, OH	8
40-2061	KERR-MCGEE CHEMICAL CORP., WEST CHICAGO, IL	1	40-8905	QUIVIRA MINING CO., GRANTS, NM	8
40-2259	PATHFINDER MINES CORP., RIVERTON, WY	2	40-8907	UNITED NUCLEAR CORP., SANTA FE, NM	8
40-2298	SPRAGUE ELECTRIC CO., NORTH ADAMS, MA	2	40-8914	ENERGY, DEPT. OF, SCOVILLE, ID	8
40-3392	ALLIED-SIGNAL, INC., MORRISTOWN, NJ	2	40-8926	ALTAIR RESOURCES, INC., CASPER, WY	8
40-3453	ATLAS MINERALS, INC., DENVER, CO	2	40-8948	SHIELDALLOY CORP., NEWFIELD, NJ	8
40-4492	AMERICAN NUCLEAR CORP., CASPER, WY	2	40-8958	URANERZ USA, INC., CASPER, WY	8
40-6622	PATHFINDER MINES CORP., SHIRLEY BASIN, WY	2	40-8981	URANERZ USA, INC., CASPER, WY	9
40-7102	SHIELDALLOY METALLURGICAL CORP., NEWFIELD, NJ	2	<b>Domestic Licensing of Production and Utilization Facilities - Docket 50</b>		
40-7397	FOOTE MINERAL CO., EXTON, PA	5	50-3	INDIAN POINT STATION, UNIT 1	9
40-7580	FANSTEEL, INC., NORTH CHICAGO, IL	6	50-5	PENNSYLVANIA STATE UNIV. RESEARCH REACTOR	9
40-7604	BP CHEMICALS AMERICA, INC., LIMA, OH	6	50-10	DRESDEN NUCLEAR POWER STATION, UNIT 1	9
40-8027	NEW SEQUOYAH FUELS CORP., OKLAHOMA CITY, OK	6	50-20	MASSACHUSETTS INSTITUTE OF TECHNOLOGY RESEARCH REACTOR	9
40-8035	COTTER CORP., ROSWELL, NM	6	50-27	WASHINGTON STATE UNIV. RESEARCH REACTOR (TRIGA)	10
40-8084	RIO ALGOM MINING CORP., MOAB, UT	7	50-29	YANKEE-ROWE NUCLEAR POWER STATION	10
40-8452	BEAR CREEK URANIUM CO., CASPER, WY	7	50-54	CINTICHEM	11
40-8502	MALAPAI RESOURCES CO., PHOENIX, AZ	7	50-57	BUFFALO MATERIALS RESEARCH CENTER	11
40-8546	NATIONAL AERONAUTICS & SPACE ADMIN., HAMPTON, VA	7	50-77	CATHOLIC UNIV. OF AMERICA RESEARCH REACTOR	11
40-8584	MINERALS EXPLORATION CO., LOS ANGELES, CA	7	50-83	UNIV. OF FLORIDA TRAINING REACTOR	11
40-8610	STEPAN CHEMICAL CO., MAYWOOD, NJ	7	50-89	GENERAL ATOMIC CO.	11
40-8681	UMETCO MINERALS CORP., GRAND JUNCTION, CO	7	50-97	CORNELL UNIV. ZERO POWER REACTOR	11
40-8698	PLATEAU RESOURCES, LTD., GRAND JUNCTION, CO	7	50-113	UNIV. OF ARIZONA RESEARCH REACTOR	11
40-8714	CLEVELAND-CLIFFS IRON CO., CLEVELAND, OH	7	50-116	IOWA STATE UNIV. RESEARCH REACTOR	11
40-8724	CHEMETRON CORP., CHICAGO, IL	7	50-123	UNIV. OF MISSOURI RESEARCH REACTOR-ROLLA	11
40-8783	URANERZ USA, INC., CASPER, WY	7	50-130	PATHFINDER ATOMIC PLANT	11



<b>Docket</b>	<b>Name</b>	<b>Page</b>	<b>Docket</b>	<b>Name</b>	<b>Page</b>
50-131	OMAHA VETERANS ADMINISTRATION HOSPITAL RESEARCH REACTOR	12	50-254	QUAD-CITIES STATION, UNIT 1	30
50-133	HUMBOLDT BAY POWER PLANT, UNIT 3	12	50-255	PALISADES NUCLEAR PLANT	31
50-134	WORCESTER POLYTECHNIC INSTITUTE RESEARCH REACTOR	12	50-259	BROWNS FERRY NUCLEAR POWER STATION, UNIT 1	32
50-139	UNIV. OF WASHINGTON RESEARCH REACTOR	12	50-260	BROWNS FERRY NUCLEAR POWER STATION, UNIT 2	34
50-146	SAXTON NUCLEAR EXPERIMENTAL FACILITY	12	50-261	H.B. ROBINSON PLANT, UNIT 2	35
50-148	UNIV. OF KANSAS RESEARCH REACTOR	12	50-263	MONTICELLO NUCLEAR GENERATING PLANT	36
50-155	BIG ROCK POINT NUCLEAR PLANT	13	50-264	DOW CHEMICAL CO.	37
50-156	UNIV. OF WISCONSIN RESEARCH REACTOR	13	50-265	QUAD-CITIES STATION, UNIT 2	37
50-157	CORNELL UNIV. RESEARCH REACTOR	13	50-266	POINT BEACH NUCLEAR PLANT, UNIT 1	38
50-160	GEORGIA INSTITUTE OF TECHNOLOGY RESEARCH REACTOR	13	50-267	FORT ST. VRAIN NUCLEAR GENERATING STATION	39
50-166	UNIV. OF MARYLAND RESEARCH REACTOR	14	50-269	OCONEE NUCLEAR STATION, UNIT 1	40
50-170	ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE	14	50-270	OCONEE NUCLEAR STATION, UNIT 2	41
50-171	PEACH BOTTOM ATOMIC POWER STATION, UNIT 1	14	50-271	VERMONT YANKEE NUCLEAR POWER STATION	43
50-184	NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY REACTOR	14	50-272	SALEM NUCLEAR GENERATING STATION, UNIT 1	44
50-186	UNIV. OF MISSOURI RESEARCH REACTOR-COLUMBIA	14	50-274	U.S. GEOLOGICAL SURVEY RESEARCH REACTOR	45
50-193	RHODE ISLAND & PROVIDENCE PLANTATIONS AEC	15	50-275	DIABLO CANYON NUCLEAR POWER PLANT, UNIT 1	45
50-199	MANHATTAN COLLEGE RESEARCH REACTOR	15	50-277	PEACH BOTTOM ATOMIC POWER STATION, UNIT 2	47
50-206	SAN ONOFRE NUCLEAR STATION, UNIT 1	15	50-278	PEACH BOTTOM ATOMIC POWER STATION, UNIT 3	48
50-213	HADDAM NECK PLANT	16	50-280	SURRY POWER STATION, UNIT 1	49
50-219	OYSTER CREEK NUCLEAR POWER PLANT	18	50-281	SURRY POWER STATION, UNIT 2	51
50-220	NINE MILE POINT NUCLEAR STATION, UNIT 1	19	50-282	PRAIRIE ISLAND NUCLEAR STATION, UNIT 1	52
50-223	UNIV. OF LOWELL RESEARCH REACTOR	21	50-285	FORT CALHOUN STATION, UNIT 1	53
50-225	RPI CRITICAL EXPERIMENT	21	50-286	INDIAN POINT STATION, UNIT 3	55
50-228	AEROTEST RADIOGRAPHY & RESEARCH REACTOR	21	50-287	OCONEE NUCLEAR STATION, UNIT 3	56
50-237	DRESDEN NUCLEAR POWER STATION, UNIT 2	21	50-288	REED COLLEGE RESEARCH REACTOR	57
50-244	ROBERT EMMET GINNA NUCLEAR PLANT, UNIT 1	22	50-289	THREE MILE ISLAND NUCLEAR STATION, UNIT 1	57
50-245	MILLSTONE NUCLEAR POWER STATION, UNIT 1	23	50-293	PILGRIM NUCLEAR POWER STATION, UNIT 1	58
50-247	INDIAN POINT STATION, UNIT 2	25	50-295	ZION NUCLEAR POWER STATION, UNIT 1	59
50-249	DRESDEN NUCLEAR POWER STATION, UNIT 3	26	50-296	BROWNS FERRY NUCLEAR POWER STATION, UNIT 3	61
50-250	TURKEY POINT PLANT, UNIT 3	27	50-298	COOPER NUCLEAR STATION	62
50-251	TURKEY POINT PLANT, UNIT 4	29	50-301	POINT BEACH NUCLEAR PLANT, UNIT 2	63
			50-302	CRYSTAL RIVER NUCLEAR PLANT, UNIT 3	64
			50-304	ZION NUCLEAR POWER STATION, UNIT 2	65
			50-305	KEWAUNEE NUCLEAR POWER PLANT	67

<b>Docket</b>	<b>Name</b>	<b>Page</b>	<b>Docket</b>	<b>Name</b>	<b>Page</b>
50-306	PRAIRIE ISLAND NUCLEAR STATION, UNIT 2	68	50-353	LIMERICK GENERATING STATION, UNIT 2	104
50-309	MAINE YANKEE ATOMIC POWER PLANT	69	50-354	HOPE CREEK NUCLEAR STATION, UNIT 1	106
50-311	SALEM NUCLEAR GENERATING STATION, UNIT 2	69	50-361	SAN ONOFRE NUCLEAR STATION, UNIT 2	107
50-312	RANCHO SECO NUCLEAR GENERATING STATION	71	50-362	SAN ONOFRE NUCLEAR STATION, UNIT 3	108
50-313	ARKANSAS NUCLEAR ONE, UNIT 1	72	50-364	JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2	109
50-315	DONALD C. COOK NUCLEAR POWER PLANT, UNIT 1	74	50-366	EDWIN I. HATCH NUCLEAR PLANT, UNIT 2	110
50-316	DONALD C. COOK NUCLEAR POWER PLANT, UNIT 2	75	50-368	ARKANSAS NUCLEAR ONE, UNIT 2	111
50-317	CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 1	76	50-369	WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 1	113
50-318	CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 2	78	50-370	WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 2	114
50-320	THREE MILE ISLAND NUCLEAR STATION, UNIT 2	80	50-373	LASALLE COUNTY STATION, UNIT 1	115
50-321	EDWIN I. HATCH NUCLEAR PLANT, UNIT 1	80	50-374	LASALLE COUNTY STATION, UNIT 2	117
50-322	SHOREHAM NUCLEAR POWER STATION	82	50-382	WATERFORD GENERATING STATION, UNIT 3	118
50-323	DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2	82	50-387	SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1	119
50-324	BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2	84	50-388	SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2	120
50-325	BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1	85	50-389	ST. LUCIE PLANT, UNIT 2	121
50-326	UNIV. OF CALIFORNIA AT IRVINE RESEARCH REACTOR	86	50-390	WATTS BAR NUCLEAR PLANT, UNIT 1	122
50-327	SEQUOYAH NUCLEAR PLANT, UNIT 1	87	50-391	WATTS BAR NUCLEAR PLANT, UNIT 2	124
50-328	SEQUOYAH NUCLEAR PLANT, UNIT 2	88	50-395	VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1	125
50-329	MIDLAND PLANT, UNIT 1	90	50-397	WPPSS NUCLEAR PROJECT, UNIT 2	126
50-330	MIDLAND PLANT, UNIT 2	90	50-400	SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1	128
50-331	DUANE ARNOLD ENERGY CENTER	90	50-409	LA CROSSE BOILING WATER REACTOR	129
50-333	JAMES A. FITZPATRICK NUCLEAR POWER PLANT	91	50-410	NINE MILE POINT NUCLEAR STATION, UNIT 2	129
50-334	BEAVER VALLEY POWER STATION, UNIT 1	92	50-412	BEAVER VALLEY POWER STATION, UNIT 2	130
50-335	ST. LUCIE PLANT, UNIT 1	93	50-413	CATAWBA NUCLEAR STATION, UNIT 1	132
50-336	MILLSTONE NUCLEAR POWER STATION, UNIT 2	94	50-414	CATAWBA NUCLEAR STATION, UNIT 2	133
50-338	NORTH ANNA POWER STATION, UNIT 1	96	50-416	GRAND GULF NUCLEAR STATION, UNIT 1	135
50-339	NORTH ANNA POWER STATION, UNIT 2	97	50-417	GRAND GULF NUCLEAR STATION, UNIT 2	136
50-341	ENRICO FERMI ATOMIC POWER PLANT, UNIT 2	97	50-423	MILLSTONE NUCLEAR POWER STATION, UNIT 3	136
50-344	TROJAN NUCLEAR PLANT	99	50-424	ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 1	138
50-346	DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1	101	50-425	ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 2	139
50-348	JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1	103	STN-50-437	FLOATING NUCLEAR PLANT	140
50-352	LIMERICK GENERATING STATION, UNIT 1	103	50-438	BELLEFONTE NUCLEAR PLANT, UNIT 1	140

Docket	Name	Page	Docket	Name	Page
50-439	BELLEFONTE NUCLEAR PLANT, UNIT 2	141	<b>Domestic Licensing of Special Nuclear Material - Docket 70</b>		
50-440	PERRY NUCLEAR POWER PLANT, UNIT 1	141	70-0025	ROCKETDYNE DIV. (ROCKWELL INTERNATIONAL CORP.), CANOGA	172
50-441	PERRY NUCLEAR POWER PLANT, UNIT 2	142	70-0027	BABCOCK & WILCOX CO., LYNCHBURG, VA	172
50-443	SEABROOK NUCLEAR STATION, UNIT 1	143	70-0036	COMBUSTION ENGINEERING, INC., WINDSOR, CT	173
50-444	SEABROOK NUCLEAR STATION, UNIT 2	147	70-0143	NUCLEAR FUEL SERVICES, INC., ERWIN, TN	173
50-445	COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1	150	70-0211	CORNELL UNIV., ITHACA, NY	173
50-446	COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2	152	70-0371	UNC, INC., UNCASVILLE, CT	173
STN-50-454	BYRON STATION, UNIT 1	154	70-0398	COMMERCE, DEPT. OF, WASHINGTON, DC	174
STN-50-455	BYRON STATION, UNIT 2	155	70-0687	CINTICHEM, INC., TUXEDO, NY	174
STN-50-456	BRAIDWOOD STATION, UNIT 1	157	70-0734	GENERAL ATOMICS, SAN DIEGO, CA	174
STN-50-457	BRAIDWOOD STATION, UNIT 2	158	70-0754	GENERAL ELECTRIC CO., PLEASANTON, CA	174
50-458	RIVER BEND STATION, UNIT 1	159	70-0820	UNC RECOVERY SYSTEMS, WOOD RIVER JUNCTION, RI	174
50-459	RIVER BEND STATION, UNIT 2	160	70-0925	CIMARRON CORP., OKLAHOMA CITY, OK	174
50-460	WPPSS NUCLEAR PROJECT, UNIT 1	160	70-1100	COMBUSTION ENGINEERING, INC., WINDSOR, CT	174
50-461	CLINTON POWER STATION, UNIT 1	160	70-1113	GENERAL ELECTRIC CO., WILMINGTON, NC	174
STN-50-470	CESSAR SYSTEM 80, COMBUSTION ENGINEERING, INC.	162	70-1151	WESTINGHOUSE ELECTRIC CORP., COLUMBIA, SC	174
STN-50-482	WOLF CREEK GENERATING STATION	162	70-1252	EDLOW INTERNATIONAL CO., WASHINGTON, DC	175
STN-50-483	CALLAWAY PLANT, UNIT 1	163	70-1359	IRT CORP., SAN DIEGO, CA	175
STN-50-486	CALLAWAY PLANT, UNIT 2	164	70-2932	TEXAS UTILITIES ELECTRIC CO., DALLAS, TX	175
STN-50-498	SOUTH TEXAS PROJECT, UNIT 1	164	70-3020	NUCLEAR ASSURANCE CORP., NORCROSS, GA	175
STN-50-499	SOUTH TEXAS PROJECT, UNIT 2	165	70-3057	TU ELECTRIC, DALLAS, TX	175
STN-50-508	WPPSS NUCLEAR PROJECT, UNIT 3	166	<b>Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions - Docket 71</b>		
STN-50-528	PALO VERDE NUCLEAR STATION, UNIT 1	167	71-0018	NUCLEAR ASSURANCE CORP.	175
STN-50-529	PALO VERDE NUCLEAR STATION, UNIT 2	168	71-0023	TENNESSEE GAS PIPELINE CO. DIV. (TENNECO, INC.)	175
STN-50-530	PALO VERDE NUCLEAR STATION, UNIT 3	169	71-0024	WESTINGHOUSE ELECTRIC CO.	175
50-537	CLINCH RIVER BREEDER REACTOR	171	71-0052	NAVY, DEPT. OF	175
50-602	UNIV. OF TEXAS RESEARCH REACTOR	171	71-0058	NAVY, DEPT. OF	175
50-603	ALCHEMIE FACILITY 1 - CPDF	171	71-0060	MORRISON-KNUDSEN CO., INC.	175
50-604	ALCHEMIE FACILITY 2 - OLIVER SPRINGS	172	71-0078	NUCLEAR STARTUP SERVICES	175
STN-50-605	GE ADVANCED BWR DESIGN	172	71-0079	BABCOCK & WILCOX CO.	175
50-606	ARKANSAS TECH UNIV., UNIT 1	172	71-0089	NAVY, DEPT. OF	175
			71-0095	UNITED STATES TESTING CO., INC.	175
			71-0114	COLBY-THIELMEIER TESTING CO.	175

Docket	Name	Page	Docket	Name	Page
71-0115	BABCOCK & WILCOX CO.	175	71-5984	MODEL: 5984, J.L. SHEPHERD & ASSOCIATES	177
71-0154	GENERAL DYNAMICS CORP.	175	71-6003	MODEL: M-130, ENERGY, DEPT. OF	178
71-0159	LOCKHEED MISSILES & SPACE CO., INC.	175	71-6144	MODEL: B-2, U.S. ECOLOGY, INC.	178
71-0166	NEW YORK TESTING LABORATORIES, INC.	176	71-6280	MODEL: A-0109, J.L. SHEPARD & ASSOCIATES	178
71-0179	NUCLEAR CONTAINERS, INC.	176	71-6294	MODEL: UNC-2901, COMBUSTION ENGINEERING, INC.	178
71-0182	COMBUSTION ENGINEERING, INC.	176	71-6346	MODEL: FSV-1 & FSV-1A, PUBLIC SERVICE CO. OF COLORADO	178
71-0231	CHEM-NUCLEAR SYSTEMS, INC.	176	71-6347	MODEL: FSV-3, GA TECHNOLOGIES, INC.	178
71-0260	ASTROTECH, INC.	176	71-6357	MODEL: NNFD-10, BABCOCK & WILCOX CO.	178
71-0277	ALLIED-SIGNAL, INC.	176	71-6697	MODEL: GE-8500, ENERGY, DEPT. OF	178
71-0308	ALASKA INDUSTRIAL X-RAY	176	71-6717	MODEL: 6717-B, AMERSHAM CORP.	178
71-0319	GENERAL TESTING & INSPECTION CO.	176	71-6745	MODEL: FSV-2, GA TECHNOLOGIES, INC.	178
71-0341	ARKANSAS POWER & LIGHT CO.	176	71-9001	MODEL: IF-300, PACIFIC NUCLEAR SYSTEMS, INC.	178
71-0347	STONE & WEBSTER ENGINEERING CORP.	176	71-9006	MODEL: AI 500 SU, AMERSHAM CORP.	178
71-0352	NILES STEEL TANK CO.	176	71-9007	MODEL: 520, TECH/OPS, INC.	178
71-0358	NAVY, DEPT. OF	176	71-9010	MODEL: NLI-1/2, NUCLEAR ASSURANCE CORP.	178
71-0362	WISCONSIN PUBLIC SERVICE CORP.	176	71-9019	MODEL: BU-7, GENERAL ELECTRIC CO.	179
71-0363	BRIGGS ENGINEERING & TESTING CO., INC.	176	71-9027	MODEL: 741 & 741E, AMERSHAM CORP.	179
71-0384	NEW ENGLAND NUCLEAR CORP.	176	71-9032	MODEL: 650, AMERSHAM CORP.	179
71-0524	RADIATION STERILIZERS, INC.	176	71-9033	MODEL: 660 & 660E, AMERSHAM CORP.	179
71-0525	PHILADELPHIA ELECTRIC CO.	176	71-9034	MODEL: TRIGA-1, GA TECHNOLOGIES, INC.	179
71-0526	DETROIT EDISON	176	71-9035	MODEL: 680 & 680E, TECH/OPS, INC.	179
71-0529	THERAPY SERVICES	177	71-9036	MODEL: C-1, SOURCE PRODUCTION & EQUIPMENT CO., INC.	179
71-0687	INDEPENDENT INSPECTION CORP.	177	71-9037	MODEL: TRIGA-2, GA TECHNOLOGIES, INC.	180
71-0689	MANHATTAN COLLEGE, RIVERDALE, NY	177	71-9053	MODEL: 683, TECH/OPS, INC.	180
71-0690	INDESERV, INC.	177	71-9056	MODEL: SPEC 2-T, SOURCE PRODUCTION & EQUIPMENT CO.	180
71-0691	TEI ANALYTICAL SERVICES, INC.	177	71-9079	MODEL: NUPAC 14D-2.0, NUCLEAR PACKAGING, INC.	180
71-0692	T&K INSPECTION	177	71-9107	MODEL: 771, AMERSHAM CORP.	180
71-0693	CENTERIOR SERVICE CO.	177	71-9110	MODEL: MX-IC-100, MAGNAFLUX CORP.	180
71-3010	MODEL: NT-IX, TRANSPORTATION, DEPT. OF	177	71-9121	MODEL: 1.25 INCH LEAD, PROTECTIVE PACKAGING, INC.	180
71-3011	MODEL: TNB 0145, TRANSPORTATION, DEPT. OF	177	71-9127	MODEL: 100, 100A, 200 & 200A, AMERSHAM CORP.	180
71-4949	MODEL: UNC-1484, UNITED NUCLEAR CORP.	177	71-9128	MODEL: C-8, AMERSHAM CORP.	180
71-5341	MODEL: NFP-55, BABCOCK & WILCOX CO.	177	71-9133	MODEL: C-10, AMERSHAM CORP.	180
71-5517	MODEL: BB-250-1, NUCLEAR FUEL SERVICES, INC.	177	71-9135	MODEL: CENTURY S & SA, CENTURY UNIVERSAL S & SA,	180
71-5754	MODEL: RMG-172, NUCLEAR FUEL SERVICES, INC.	177	71-9137	MODEL: 820, AMERSHAM CORP.	180
71-5910	MODEL: NNFD-SA-2, BABCOCK & WILCOX CO.	177	71-9148	MODEL: 770, AMERSHAM CORP.	180
71-5971	MODEL: 200, GENERAL ELECTRIC CO.	177			
71-5980	MODEL: GE-600, GENERAL ELECTRIC CO.	177			

<b>Docket</b>	<b>Name</b>	<b>Page</b>	<b>Docket</b>	<b>Name</b>	<b>Page</b>
71-9160	MODEL: 20-VS & 40-VS, AMERSHAM CORP.	180	71-9225	MODEL: NAC-LWT, NUCLEAR ASSURANCE CORP.	181
71-9165	MODEL: 855, AMERSHAM CORP.	180	71-9228	MODEL: 2000, GENERAL ELECTRIC CO.	181
71-9166	MODEL: 864, AMERSHAM CORP.	181	71-9233	MODEL: TN-RAM, TRANSNUCLEAR, INC.	181
71-9168	MODEL: CNS 8-120B, CHEM-NUCLEAR SYSTEMS, INC.	181	71-9234	MODEL: NCI-21PF-1, NUCLEAR CONTAINERS, INC.	181
71-9183	MODEL: NAC-1, NUCLEAR ASSURANCE CORP.	181	<b>Licensing of Independent Spent Fuel Storage - Docket 72</b>		
71-9187	MODEL: 865, AMERSHAM CORP.	181	72-0002	VIRGINIA ELECTRIC & POWER CO., 50-280 & 50-281	181
71-9196	MODEL: UX-30, NUCLEAR PACKAGING, INC.	181	72-0004	DUKE POWER CO., 50-269, 50-270 & 50-287	181
71-9208	MODEL: NUPAC 10-142, NUCLEAR PACKAGING, INC.	181	72-0006	CAROLINA POWER & LIGHT CO., 50-324 & 50-325	182
71-9216	MODEL: CNS 1-13G, CHEM-NUCLEAR SYSTEMS, INC.	181	72-0008	BALTIMORE GAS & ELECTRIC CO., 50-317 & 50-318	182
71-9217	MODEL: ANF-250, ADVANCED NUCLEAR FUELS CORP.	181	72-0009	PUBLIC SERVICE CO. OF COLORADO, 50-267	182
71-9222	MODEL: HN-215H, WESTINGHOUSE HITTMAN NUCLEAR, INC.	181	72-0010	NORTHERN STATES POWER CO., 50-282 & 50-306	182
71-9224	MODEL: HN-190-2, WESTINGHOUSE HITTMAN NUCLEAR, INC.	181			

# ALPHABETIC ARRANGEMENT OF DOCKET ITEMS BY FACILITY NAME

Name	Docket	Page	Name	Docket	Page
<b>Low Level Radwaste Disposal Sites - Docket 27</b>			SPRAGUE ELECTRIC CO., NORTH ADAMS, MA	40-2298	2
RICHLAND, WA, U.S. ECOLOGY, INC.	27-048	1	STEPAN CHEMICAL CO., MAYWOOD, NJ	40-8610	7
<b>Domestic Licensing of Source Material - Docket 40</b>			TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TN	40-1341	1
ALLIED-SIGNAL, INC., MORRISTOWN, NJ	40-3392	2	UMETCO MINERALS CORP., GRAND JUNCTION, CO	40-8681	7
ALTAIR RESOURCES, INC., CASPER, WY	40-8926	8	UNITED NUCLEAR CORP., SANTA FE, NM	40-8907	8
AMAX, INC., GOLDEN, CO	40-8820	7	URANERZ USA, INC., CASPER, WY	40-8958	8
AMERICAN NUCLEAR CORP., CASPER, WY	40-4492	2	URANERZ USA, INC., CASPER, WY	40-8783	7
AMERICAN NUCLEAR CORP., JEFFREY CITY, WY	40-1162	1	URANERZ USA, INC., CASPER, WY	40-8981	9
ANACONDA MINERALS CO., GRANTS, NM	40-8902	7	URANIUM RESOURCES, INC., RICHARDSON, TX	40-8786	7
ATLAS MINERALS, INC., DENVER, CO	40-3453	2	WESTLAKE LANDFILL, NORTHBROOK, IL	40-8801	7
BEAR CREEK URANIUM CO., CASPER, WY	40-8452	7	<b>Domestic Licensing of Production and Utilization Facilities - Docket 50</b>		
BP AMERICA, INC., CLEVELAND, OH	40-8904	8	AEROTEST RADIOGRAPHY & RESEARCH REACTOR	50-228	21
BP CHEMICALS AMERICA, INC., LIMA, OH	40-7604	6	ALCHEMIE FACILITY 1 - CPDF	50-603	171
CHEMETRON CORP., CHICAGO, IL	40-8724	7	ALCHEMIE FACILITY 2 - OLIVER SPRINGS	50-604	172
CLEVELAND-CLIFFS IRON CO., CLEVELAND, OH	40-8714	7	ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 1	50-424	138
COTTER CORP., ROSWELL, NM	40-8035	6	ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 2	50-425	139
ENERGY, DEPT. OF, SCOVILLE, ID	40-8914	8	ARKANSAS NUCLEAR ONE, UNIT 1	50-313	72
FANSTEEL, INC., NORTH CHICAGO, IL	40-7580	6	ARKANSAS NUCLEAR ONE, UNIT 2	50-368	111
FISHER SCIENTIFIC CO., FAIR LAWN, NJ	40-1852	1	ARKANSAS TECH UNIV., UNIT 1	50-606	172
FOOTE MINERAL CO., EXTON, PA	40-7397	5	ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE	50-170	14
HOMESTAKE MINING CO., GRANTS, NM	40-8903	8	BEAVER VALLEY POWER STATION, UNIT 1	50-334	92
INTERIOR, DEPT. OF, RESTON, VA	40-1571	1	BEAVER VALLEY POWER STATION, UNIT 2	50-412	130
KERR-MCGEE CHEMICAL CORP., WEST CHICAGO, IL	40-2061	1	BELLEFONTE NUCLEAR PLANT, UNIT 1	50-438	140
MALAPAI RESOURCES CO., PHOENIX, AZ	40-8502	7	BELLEFONTE NUCLEAR PLANT, UNIT 2	50-439	141
MINERALS EXPLORATION CO., LOS ANGELES, CA	40-8584	7	BIG ROCK POINT NUCLEAR PLANT	50-155	13
NATIONAL AERONAUTICS & SPACE ADMIN., HAMPTON, VA	40-8546	7	BRAIDWOOD STATION, UNIT 1	STN-50-456	157
NEW SEQUOYAH FUELS CORP., OKLAHOMA CITY, OK	40-8027	6	BRAIDWOOD STATION, UNIT 2	STN-50-457	158
PATHFINDER MINES CORP., RIVERTON, WY	40-2259	2	BROWNS FERRY NUCLEAR POWER STATION, UNIT 1	50-259	32
PATHFINDER MINES CORP., SHIRLEY BASIN, WY	40-6622	2	BROWNS FERRY NUCLEAR POWER STATION, UNIT 2	50-260	34
PLATEAU RESOURCES, LTD., GRAND JUNCTION, CO	40-8698	7	BROWNS FERRY NUCLEAR POWER STATION, UNIT 3	50-296	61
POWER RESOURCES, INC., GLENROCK, WY	40-8857	7	BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1	50-325	85
QUIVIRA MINING CO., GRANTS, NM	40-8905	8	BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2	50-324	84
RIO ALGOM MINING CORP., MOAB, UT	40-8084	7	BUFFALO MATERIALS RESEARCH CENTER	50-57	11
SHIELDALLOY CORP., NEWFIELD, NJ	40-8948	8	BYRON STATION, UNIT 1	STN-50-454	154
SHIELDALLOY METALLURGICAL CORP., NEWFIELD, NJ	40-7102	2	BYRON STATION, UNIT 2	STN-50-455	155

Name	Docket	Page	Name	Docket	Page
CALLAWAY PLANT, UNIT 1	STN-50-483	163	GEORGIA INSTITUTE OF TECHNOLOGY RESEARCH REACTOR	50-160	13
CALLAWAY PLANT, UNIT 2	STN-50-486	164	GRAND GULF NUCLEAR STATION, UNIT 1	50-416	135
CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 1	50-317	76	GRAND GULF NUCLEAR STATION, UNIT 2	50-417	136
CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 2	50-318	78	H.B. ROBINSON PLANT, UNIT 2	50-261	35
CATAWBA NUCLEAR STATION, UNIT 1	50-413	132	HADDAM NECK PLANT	50-213	16
CATAWBA NUCLEAR STATION, UNIT 2	50-414	133	HOPE CREEK NUCLEAR STATION, UNIT 1	50-354	106
CATHOLIC UNIV. OF AMERICA RESEARCH REACTOR	50-77	11	HUMBOLDT BAY POWER PLANT, UNIT 3	50-133	12
CESSAR SYSTEM 80, COMBUSTION ENGINEERING, INC.	STN-50-470	162	INDIAN POINT STATION, UNIT 1	50-3	9
CINTICHEM	50-54	11	INDIAN POINT STATION, UNIT 2	50-247	25
CLINCH RIVER BREEDER REACTOR	50-537	171	INDIAN POINT STATION, UNIT 3	50-286	55
CLINTON POWER STATION, UNIT 1	50-461	160	IOWA STATE UNIV. RESEARCH REACTOR	50-116	11
COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1	50-445	150	JAMES A. FITZPATRICK NUCLEAR POWER PLANT	50-333	91
COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2	50-446	152	JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1	50-348	103
COOPER NUCLEAR STATION	50-298	62	JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2	50-364	109
CORNELL UNIV. RESEARCH REACTOR	50-157	13	KEWAUNEE NUCLEAR POWER PLANT	50-305	67
CORNELL UNIV. ZERO POWER REACTOR	50-97	11	LA CROSSE BOILING WATER REACTOR	50-409	129
CRYSTAL RIVER NUCLEAR PLANT, UNIT 3	50-302	64	LASALLE COUNTY STATION, UNIT 1	50-373	115
DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1	50-346	101	LASALLE COUNTY STATION, UNIT 2	50-374	117
DIABLO CANYON NUCLEAR POWER PLANT, UNIT 1	50-275	45	LIMERICK GENERATING STATION, UNIT 1	50-352	103
DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2	50-323	82	LIMERICK GENERATING STATION, UNIT 2	50-353	104
DONALD C. COOK NUCLEAR POWER PLANT, UNIT 1	50-315	74	MAINE YANKEE ATOMIC POWER PLANT	50-309	69
DONALD C. COOK NUCLEAR POWER PLANT, UNIT 2	50-316	75	MANHATTAN COLLEGE RESEARCH REACTOR	50-199	15
DOW CHEMICAL CO.	50-264	37	MASSACHUSETTS INSTITUTE OF TECHNOLOGY RESEARCH REACTOR	50-20	9
DRESDEN NUCLEAR POWER STATION, UNIT 1	50-10	9	MIDLAND PLANT, UNIT 1	50-329	90
DRESDEN NUCLEAR POWER STATION, UNIT 2	50-237	21	MIDLAND PLANT, UNIT 2	50-330	90
DRESDEN NUCLEAR POWER STATION, UNIT 3	50-249	26	MILLSTONE NUCLEAR POWER STATION, UNIT 1	50-245	23
DUANE ARNOLD ENERGY CENTER	50-331	90	MILLSTONE NUCLEAR POWER STATION, UNIT 2	50-336	94
EDWIN I. HATCH NUCLEAR PLANT, UNIT 1	50-321	80	MILLSTONE NUCLEAR POWER STATION, UNIT 3	50-423	136
EDWIN I. HATCH NUCLEAR PLANT, UNIT 2	50-366	110	MONTICELLO NUCLEAR GENERATING PLANT	50-263	36
ENRICO FERMI ATOMIC POWER PLANT, UNIT 2	50-341	97	NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY REACTOR	50-184	14
FLOATING NUCLEAR PLANT	STN-50-437	140	NINE MILE POINT NUCLEAR STATION, UNIT 1	50-220	19
FORT CALHOUN STATION, UNIT 1	50-285	53	NINE MILE POINT NUCLEAR STATION, UNIT 2	50-410	129
FORT ST. VRAIN NUCLEAR GENERATING STATION	50-267	39	NORTH ANNA POWER STATION, UNIT 1	50-338	96
GE ADVANCED BWR DESIGN	STN-50-605	172	NORTH ANNA POWER STATION, UNIT 2	50-339	97
GENERAL ATOMIC CO.	50-89	11	OCONEE NUCLEAR STATION, UNIT 1	50-269	40
			OCONEE NUCLEAR STATION, UNIT 2	50-270	41
			OCONEE NUCLEAR STATION, UNIT 3	50-287	56

Name	Docket	Page	Name	Docket	Page
OMAHA VETERANS ADMINISTRATION HOSPITAL RESEARCH REACTOR	50-131	12	SEQUOYAH NUCLEAR PLANT, UNIT 2	50-328	88
OYSTER CREEK NUCLEAR POWER PLANT	50-219	18	SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1	50-400	128
PALISADES NUCLEAR PLANT	50-255	31	SHOREHAM NUCLEAR POWER STATION	50-322	82
PALO VERDE NUCLEAR STATION, UNIT 1	STN-50-528	167	SOUTH TEXAS PROJECT, UNIT 1	STN-50-498	164
PALO VERDE NUCLEAR STATION, UNIT 2	STN-50-529	168	SOUTH TEXAS PROJECT, UNIT 2	STN-50-499	165
PALO VERDE NUCLEAR STATION, UNIT 3	STN-50-530	169	ST. LUCIE PLANT, UNIT 1	50-335	93
PATHFINDER ATOMIC PLANT	50-130	11	ST. LUCIE PLANT, UNIT 2	50-389	121
PEACH BOTTOM ATOMIC POWER STATION, UNIT 1	50-171	14	SURRY POWER STATION, UNIT 1	50-280	49
PEACH BOTTOM ATOMIC POWER STATION, UNIT 2	50-277	47	SURRY POWER STATION, UNIT 2	50-281	51
PEACH BOTTOM ATOMIC POWER STATION, UNIT 3	50-278	48	SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1	50-387	119
PENNSYLVANIA STATE UNIV. RESEARCH REACTOR	50-5	9	SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2	50-388	120
PERRY NUCLEAR POWER PLANT, UNIT 1	50-440	141	THREE MILE ISLAND NUCLEAR STATION, UNIT 1	50-289	57
PERRY NUCLEAR POWER PLANT, UNIT 2	50-441	142	THREE MILE ISLAND NUCLEAR STATION, UNIT 2	50-320	80
PILGRIM NUCLEAR POWER STATION, UNIT 1	50-293	58	TROJAN NUCLEAR PLANT	50-344	99
POINT BEACH NUCLEAR PLANT, UNIT 1	50-266	38	TURKEY POINT PLANT, UNIT 3	50-250	27
POINT BEACH NUCLEAR PLANT, UNIT 2	50-301	63	TURKEY POINT PLANT, UNIT 4	50-251	29
PRAIRIE ISLAND NUCLEAR STATION, UNIT 1	50-282	52	U.S. GEOLOGICAL SURVEY RESEARCH REACTOR	50-274	45
PRAIRIE ISLAND NUCLEAR STATION, UNIT 2	50-306	68	UNIV. OF ARIZONA RESEARCH REACTOR	50-113	11
QUAD-CITIES STATION, UNIT 1	50-254	30	UNIV. OF CALIFORNIA AT IRVINE RESEARCH REACTOR	50-326	86
QUAD-CITIES STATION, UNIT 2	50-265	37	UNIV. OF FLORIDA TRAINING REACTOR	50-83	11
RANCHO SECO NUCLEAR GENERATING STATION	50-312	71	UNIV. OF KANSAS RESEARCH REACTOR	50-148	12
REED COLLEGE RESEARCH REACTOR	50-288	57	UNIV. OF LOWELL RESEARCH REACTOR	50-223	21
RHODE ISLAND & PROVIDENCE PLANTATIONS AEC	50-193	15	UNIV. OF MARYLAND RESEARCH REACTOR	50-166	14
RIVER BEND STATION, UNIT 1	50-458	159	UNIV. OF MISSOURI RESEARCH REACTOR- COLUMBIA	50-186	14
RIVER BEND STATION, UNIT 2	50-459	160	UNIV. OF MISSOURI RESEARCH REACTOR- ROLLA	50-123	11
ROBERT EMMET GINNA NUCLEAR PLANT, UNIT 1	50-244	22	UNIV. OF TEXAS RESEARCH REACTOR	50-602	171
RPI CRITICAL EXPERIMENT	50-225	21	UNIV. OF WASHINGTON RESEARCH REACTOR	50-139	12
SALEM NUCLEAR GENERATING STATION, UNIT 1	50-272	44	UNIV. OF WISCONSIN RESEARCH REACTOR	50-156	13
SALEM NUCLEAR GENERATING STATION, UNIT 2	50-311	69	VERMONT YANKEE NUCLEAR POWER STATION	50-271	43
SAN ONOFRE NUCLEAR STATION, UNIT 1	50-206	15	VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1	50-395	125
SAN ONOFRE NUCLEAR STATION, UNIT 2	50-361	107	WASHINGTON STATE UNIV. RESEARCH REACTOR (TRIGA)	50-27	10
SAN ONOFRE NUCLEAR STATION, UNIT 3	50-362	108	WATERFORD GENERATING STATION, UNIT 3	50-382	118
SAXTON NUCLEAR EXPERIMENTAL FACILITY	50-146	12	WATTS BAR NUCLEAR PLANT, UNIT 1	50-390	122
SEABROOK NUCLEAR STATION, UNIT 1	50-443	143	WATTS BAR NUCLEAR PLANT, UNIT 2	50-391	124
SEABROOK NUCLEAR STATION, UNIT 2	50-444	147	WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 1	50-369	113
SEQUOYAH NUCLEAR PLANT, UNIT 1	50-327	87			



Name	Docket	Page	Name	Docket	Page
WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 2	50-370	114	BABCOCK & WILCOX CO.	71-0079	175
WOLF CREEK GENERATING STATION	STN-50-482	162	BABCOCK & WILCOX CO.	71-0115	175
WORCESTER POLYTECHNIC INSTITUTE RESEARCH REACTOR	50-134	12	BRIGGS ENGINEERING & TESTING CO., INC.	71-0363	176
WPPSS NUCLEAR PROJECT, UNIT 1	50-460	160	CENTERIOR SERVICE CO.	71-0693	177
WPPSS NUCLEAR PROJECT, UNIT 2	50-397	126	CHEM-NUCLEAR SYSTEMS, INC.	71-0231	176
WPPSS NUCLEAR PROJECT, UNIT 3	STN-50-508	166	COLBY-THIELMEIER TESTING CO.	71-0114	175
YANKEE-ROWE NUCLEAR POWER STATION	50-29	10	COMBUSTION ENGINEERING, INC.	71-0182	176
ZION NUCLEAR POWER STATION, UNIT 1	50-295	59	DETROIT EDISON	71-0526	176
ZION NUCLEAR POWER STATION, UNIT 2	50-304	65	GENERAL DYNAMICS CORP.	71-0154	175
<b>Domestic Licensing of Special Nuclear Material - Docket 70</b>			GENERAL TESTING & INSPECTION CO.	71-0319	176
BABCOCK & WILCOX CO., LYNCHBURG, VA	70-0027	172	INDEPENDENT INSPECTION CORP.	71-0687	177
CIMARRON CORP., OKLAHOMA CITY, OK	70-0925	174	INDESERV, INC.	71-0690	177
CINTICHEM, INC., TUXEDO, NY	70-0687	174	LOCKHEED MISSILES & SPACE CO., INC.	71-0159	175
COMBUSTION ENGINEERING, INC., WINDSOR, CT	70-0036	173	MANHATTAN COLLEGE, RIVERDALE, NY	71-0689	177
COMBUSTION ENGINEERING, INC., WINDSOR, CT	70-1100	174	MODEL: 1.25 INCH LEAD, PROTECTIVE PACKAGING, INC.	71-9121	180
COMMERCE, DEPT. OF, WASHINGTON, DC	70-0398	174	MODEL: 100, 100A, 200 & 200A, AMERSHAM CORP.	71-9127	180
CORNELL UNIV., ITHACA, NY	70-0211	173	MODEL: 20-VS & 40-VS, AMERSHAM CORP.	71-9160	180
EDLOW INTERNATIONAL CO., WASHINGTON, DC	70-1252	175	MODEL: 200, GENERAL ELECTRIC CO.	71-5971	177
GENERAL ATOMICS, SAN DIEGO, CA	70-0734	174	MODEL: 2000, GENERAL ELECTRIC CO.	71-9228	181
GENERAL ELECTRIC CO., PLEASANTON, CA	70-0754	174	MODEL: 520, TECH/OPS, INC.	71-9007	178
GENERAL ELECTRIC CO., WILMINGTON, NC	70-1113	174	MODEL: 5984, J.L. SHEPHERD & ASSOCIATES	71-5984	177
IRT CORP., SAN DIEGO, CA	70-1359	175	MODEL: 650, AMERSHAM CORP.	71-9032	179
NUCLEAR ASSURANCE CORP., NORCROSS, GA	70-3020	175	MODEL: 660 & 660E, AMERSHAM CORP.	71-9033	179
NUCLEAR FUEL SERVICES, INC., ERWIN, TN	70-0143	173	MODEL: 6717-B, AMERSHAM CORP.	71-6717	178
ROCKETDYNE DIV. (ROCKWELL INTERNATIONAL CORP.), CANOGA	70-0025	172	MODEL: 680 & 680E, TECH/OPS, INC.	71-9035	179
TEXAS UTILITIES ELECTRIC CO., DALLAS, TX	70-2932	175	MODEL: 683, TECH/OPS, INC.	71-9053	180
TU ELECTRIC, DALLAS, TX	70-3057	175	MODEL: 741 & 741E, AMERSHAM CORP.	71-9027	179
UNC RECOVERY SYSTEMS, WOOD RIVER JUNCTION, RI	70-0820	174	MODEL: 770, AMERSHAM CORP.	71-9148	180
UNC, INC., UNCASVILLE, CT	70-0371	173	MODEL: 771, AMERSHAM CORP.	71-9107	180
WESTINGHOUSE ELECTRIC CORP., COLUMBIA, SC	70-1151	174	MODEL: 820, AMERSHAM CORP.	71-9137	180
<b>Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions - Docket 71</b>			MODEL: 855, AMERSHAM CORP.	71-9165	180
ALASKA INDUSTRIAL X-RAY	71-0308	176	MODEL: 864, AMERSHAM CORP.	71-9166	181
ALLIED-SIGNAL, INC.	71-0277	176	MODEL: 865, AMERSHAM CORP.	71-9187	181
ARKANSAS POWER & LIGHT CO.	71-0341	176	MODEL: A-0109, J.L. SHEPHARD & ASSOCIATES	71-6280	178
ASTROTECH, INC.	71-0260	176	MODEL: AI 500 SU, AMERSHAM CORP.	71-9006	178
			MODEL: ANF-250, ADVANCED NUCLEAR FUELS CORP.	71-9217	181
			MODEL: B-2, U.S. ECOLOGY, INC.	71-6144	178
			MODEL: BB-250-1, NUCLEAR FUEL SERVICES, INC.	71-5517	177
			MODEL: BU-7, GENERAL ELECTRIC CO.	71-9019	179
			MODEL: C-1, SOURCE PRODUCTION & EQUIPMENT CO., INC.	71-9036	179

Name	Docket	Page	Name	Docket	Page
MODEL: C-10, AMERSHAM CORP.	71-9133	180	MODEL: TRIGA-1, GA TECHNOLOGIES, INC.	71-9034	179
MODEL: C-8, AMERSHAM CORP.	71-9128	180	MODEL: TRIGA-2, GA TECHNOLOGIES, INC.	71-9037	180
MODEL: CENTURY S & SA, CENTURY UNIVERSAL S & SA,	71-9135	180	MODEL: UNC-1484, UNITED NUCLEAR CORP.	71-4949	177
MODEL: CNS 1-13G, CHEM-NUCLEAR SYSTEMS, INC.	71-9216	181	MODEL: UNC-2901, COMBUSTION ENGINEERING, INC.	71-6294	178
MODEL: CNS 8-120B, CHEM-NUCLEAR SYSTEMS, INC.	71-9168	181	MODEL: UX-30, NUCLEAR PACKAGING, INC.	71-9196	181
MODEL: FSV-1 & FSV-1A, PUBLIC SERVICE CO. OF COLORADO	71-6346	178	MORRISON-KNUDSEN CO., INC.	71-0060	175
MODEL: FSV-2, GA TECHNOLOGIES, INC.	71-6745	178	NAVY, DEPT. OF	71-0058	175
MODEL: FSV-3, GA TECHNOLOGIES, INC.	71-6347	178	NAVY, DEPT. OF	71-0358	176
MODEL: GE-600, GENERAL ELECTRIC CO.	71-5980	177	NAVY, DEPT. OF	71-0052	175
MODEL: GE-8500, ENERGY, DEPT. OF	71-6697	178	NAVY, DEPT. OF	71-0089	175
MODEL: HN-190-2, WESTINGHOUSE HITTMAN NUCLEAR, INC.	71-9224	181	NEW ENGLAND NUCLEAR CORP.	71-0384	176
MODEL: HN-215H, WESTINGHOUSE HITTMAN NUCLEAR, INC.	71-9222	181	NEW YORK TESTING LABORATORIES, INC.	71-0166	176
MODEL: IF-300, PACIFIC NUCLEAR SYSTEMS, INC.	71-9001	178	NILES STEEL TANK CO.	71-0352	176
MODEL: M-130, ENERGY, DEPT. OF	71-6003	178	NUCLEAR ASSURANCE CORP.	71-0018	175
MODEL: MX-IC-100, MAGNAFLUX CORP.	71-9110	180	NUCLEAR CONTAINERS, INC.	71-0179	176
MODEL: NAC-1, NUCLEAR ASSURANCE CORP.	71-9183	181	NUCLEAR STARTUP SERVICES	71-0078	175
MODEL: NAC-LWT, NUCLEAR ASSURANCE CORP.	71-9225	181	PHILADELPHIA ELECTRIC CO.	71-0525	176
MODEL: NCI-21PF-1, NUCLEAR CONTAINERS, INC.	71-9234	181	RADIATION STERILIZERS, INC.	71-0524	176
MODEL: NFP-55, BABCOCK & WILCOX CO.	71-5341	177	STONE & WEBSTER ENGINEERING CORP.	71-0347	176
MODEL: NLI-1/2, NUCLEAR ASSURANCE CORP.	71-9010	178	T&K INSPECTION	71-0692	177
MODEL: NNFD-10, BABCOCK & WILCOX CO.	71-6357	178	TEI ANALYTICAL SERVICES, INC.	71-0691	177
MODEL: NNFD-SA-2, BABCOCK & WILCOX CO.	71-5910	177	TENNESSEE GAS PIPELINE CO. DIV. (TENNECO, INC.)	71-0023	175
MODEL: NT-IX, TRANSPORTATION, DEPT. OF	71-3010	177	THERAPY SERVICES	71-0529	177
MODEL: NUPAC 10-142, NUCLEAR PACKAGING, INC.	71-9208	181	UNITED STATES TESTING CO., INC.	71-0095	175
MODEL: NUPAC 14D-2.0, NUCLEAR PACKAGING, INC.	71-9079	180	WESTINGHOUSE ELECTRIC CO.	71-0024	175
MODEL: RMG-172, NUCLEAR FUEL SERVICES, INC.	71-5754	177	WISCONSIN PUBLIC SERVICE CORP.	71-0362	176
MODEL: SPEC 2-T, SOURCE PRODUCTION & EQUIPMENT CO.	71-9056	180	<b>Licensing of Independent Spent Fuel Storage - Docket 72</b>		
MODEL: TN-RAM, TRANSNUCLEAR, INC.	71-9233	181	BALTIMORE GAS & ELECTRIC CO., 50-317 & 50-318	72-0008	182
MODEL: TNB 0145, TRANSPORTATION, DEPT. OF	71-3011	177	CAROLINA POWER & LIGHT CO., 50-324 & 50-325	72-0006	182
			DUKE POWER CO., 50-269, 50-270 & 50-287	72-0004	181
			NORTHERN STATES POWER CO., 50-282 & 50-306	72-0010	182
			PUBLIC SERVICE CO. OF COLORADO, 50- 267	72-0009	182
			VIRGINIA ELECTRIC & POWER CO., 50-280 & 50-281	72-0002	181



# DOCKETED ITEMS

## LOW LEVEL RADWASTE DISPOSAL SITES

### DOCKET 27-048 RICHLAND, WA, U.S. ECOLOGY, INC.

9001300385 Advises that licensee Jul 1988 site stabilization & closure plan for low level radwaste site near Richland,WA does not meet regulatory performance objectives & license conditions. Addl measurements & closure cap design must be performed. ROBERTSON,G. Washington, State of. 89/11/14. CARPENTER,S. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 3pp. 52496:321-52496:323.

9002050245 Responds to 891115 ltr re concentration of tritium in vegetation described in annual environ monitoring rept. Concentrations well below values for unrestricted release of water to uncontrolled areas. ADAMS,S.R. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 89/11/30. ROBERTSON,G. Washington, State of. 34pp. 52542:160-52542:193.

9002060043 Requests dept approval of process that renders processed dry radwaste nondispersible at Richland,WA disposal site. Description of process control program encl. NEWMAN,H.J. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/01/16. ELSEN,M. Washington, State of. 26pp. 52556:149-52556:175.

9001300383 Responds to 891114 ltr re evaluation of closure plan for US Ecology Richland,WA low level radwaste disposal facility. CARPENTER,S.A. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/01/18. ROBERTSON,G. Washington, State of. 9pp. 52490:227-52490:235.

9001290070 Forwards 890309 ltr from US Ecology re evaluation of environ monitoring program & pages from 1988 environ monitoring rept for tritium monitoring. ELSEN,M.J. Washington, State of. 90/01/19. DUNKELMAN,M. Office of Nuclear Material Safety & Safeguards,Director. 15pp. 52453:232-52453:246.

9001300010 Recommends that NRC discuss Southern California Edison (SCE) proposed approach to dispose of SNM w/State of WA & explain why NRC supports approach & intends to grant approval.NRC should closeout request by granting approval to SCE. TOKAR,M. Technical Branch. 90/01/22. SHAFFNER,J.A. Operations Branch. 14pp. 52471:115-52471:177.

9001300011 Responds to 861218 request for technical review of Southern California Edison application to US Ecology for packaging of four drums of radwaste by encapsulation within high integrity container.Summary of telcons & comments encl. TOKAR,M. Engineering Branch (831001-870413). 86/01/14. STARMER,R.J. Low-Level Waste & Uranium Recovery Projects Branch. 8pp. 52471:129-52471:177.

9002050218 Forwards 851210 ltr from E Martinez re disposal of Southern California Edison NAC-1E waste,per 900129 verbal request. ADAMS,S.R. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/01/30. DUNKELMAN,M. Operations Branch. 1p. 52547:274-52547:311.

9002120125 Notifies that environ soil samples exceeded actions levels for Cs-137 & K-40 during Fourth Quarter 1989.Concentrations of Cs-137 at northwest corner of facility not uncharacteristic of areas either onsite or offsite. NEWMAN,H.J. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/02/06. ROBERTSON,G. Washington, State of. 5pp. 52627:163-52627:167.

9002120120 Forwards monthly SNM receipt & burial rept for Jan 1990.Encl withheld. MARSHALL,S.W. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/02/08. BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 1p. 52627:120-52627:120.

9002120371 Application for amend to License 16-19204-01,permitting use of bulk unpackaged U contaminated sand as backfill matl at US Ecology Richland,WA Low Level Radwaste Disposal Facility. Fee paid. NEWMAN,H.J. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/02/08. LOHAUS,P.H. Operations Branch. 20pp. 52634:247-52634:268.

9002220296 Notifies of environ air monitoring which exceeded action levels at Richland,WA disposal facility & advises that air particulate samples at all nine environ air monitoring stations above action level for gross beta. NEWMAN,H.J. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/02/12. ROBERTSON,G. Washington, State of. 3pp. 52682:043-52682:045.

9002260458 Submits response to 851210 & 891129 applications re disposal of four 55 gallon drums of waste containing SNM generated in Sept 1980 during insp & decontamination of Nuclear Assurance Corp spent fuel cask.Waste acceptable for disposal. LOHAUS,P.H. Operations Branch. 90/02/21. ADAMS,S.R. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 1p. 52711:105-52711:105.

## DOMESTIC LICENSING OF SOURCE MATERIAL

### DOCKET 40-1162 AMERICAN NUCLEAR CORP., JEFFREY CITY, WY

9002010034 Forwards 900116 ltr from Centurion Nuclear,Inc,clarifying land ownership issues for Day-Loma Heap Leach site.Info sufficient for completion of review & subsequent deletion of ref to site from SUA-56. BAKER,S.J. Western Nuclear, Inc. (subs. of Phelps Dodge Corp.). 90/01/17. HALL,R.E. Uranium Recovery Field Ofc, R4. 2pp. 52541:196-52541:197.

### DOCKET 40-1341 TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TN

9002010068 Forwards "Rept on Post-Decommissioning Radiological Survey," for info.Rept provides survey data discussed in NRC FES Sections 4.2.2 & 4.2.2.7 to be collected after decommissioning activities completed. RAY,M.J. Tennessee Valley Authority. 90/01/05. HALL,R. Uranium Recovery Field Ofc, R4. 1p. 52530:297-52530:338.

9002010074 "Post-Decommissioning Radiological Surveys."  
\* Silver King Mines, Inc. 89/11/30. 40pp. 52530:298-52530:338.

### DOCKET 40-1571 INTERIOR, DEPT. OF, RESTON, VA

9002050102 Final response to FOIA request for documents.App A,B & C records encl & also available in PDR.App D records available in PDR.App E documents partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/23. BEREZOFKY,E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 36pp. 52551:183-52551:250.

9002060420 Application for license to use 200,000 lb tin slag containing 0.11% thorium oxide. MCLEER,T.J. Vanadium Corporation of America. 65/09/10. 15pp. 52552:350-52553:004.

### DOCKET 40-1852 FISHER SCIENTIFIC CO., FAIR LAWN, NJ

9001310337 Forwards Closeout Insp 40-1852/89-01 on 891102.No violations noted. KINNEMAN,J.D. Region 1, Ofc of the Director. 90/01/16. RAYER,G.R. Fisher Scientific Co. 2pp. 52530:339-52530:344.

9001310353 Closeout insp Rept 40-1852/89-01 on 891102.No violations noted.Major areas inspected:survey of facility for residual contamination prior to termination of license & release of facility for unrestricted use. ULLRICH,B. Region 1, Ofc of the Director. KINNEMAN,J.D. Region 2, Ofc of the Director. 90/01/15. 4pp. 52530:341-52530:344.

### DOCKET 40-2061 KERR-MCGEE CHEMICAL CORP., WEST CHICAGO, IL

9002220061 Corrected transcript of 891214 hearing in Chicago,IL. Pp 457-674.Witnesses:CW Fetter,JL Grant,JC Stauter & DE Warner.  
\* Atomic Safety and Licensing Board Panel. 89/12/14. 221pp. 52657:105-52657:325.

9002220055 Corrected transcript of 891215 hearing in Chicago,IL. Pp 675-874.Supporting info encl.Witnesses:P Benioff,C Yu, JP Schubert,JL Grant & CW Fetter.  
\* Atomic Safety and Licensing Board Panel. 89/12/15. 208pp. 52672:190-52673:037.

9002150328 Partial response to FOIA request for documents.App E records encl & available in PDR.App E records partially withheld (ref FOIA Exemption 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. DEGRAZIA,B.C. Burditt, Bowles & Radzius, Chartered (formerly Burditt, Bowles, Radzius & Rudbur. 4pp. 52633:168-52633:323.

9002150387 Forwards 800319 rept of G Voelz radioactivity measurements performed on individual. KEPLER,J.G. Ofc of inspection & Enforcement, Ofc of the Director. 80/04/04. SINKE,G.J. Kerr-McGee Nuclear Corp. 53pp. 52633:172-52633:240.

9002150388 Forwards memo to records room re results of measurements of radioactivity in individual who worked in contaminated rooms at plant in West Chicago. RUNDQ,J. Argonne National Laboratory. 80/11/05. PAPERIELLO,C. Region 3, Ofc of the Director. 26pp. 52633:241-52633:266.

9002150389 Discusses results of bioassay measurements made by ANL of internal burden of radioactive matl. PAPERIELLO,C.J. Region 3, Ofc of the Director. 81/04/20. Region 3, Ofc of the Director. 1p. 52633:267-52633:267.

9002160026 Forwards results of 810528 measurements made at ANL.Results negative. HIND,J.A. Region 3, Ofc of the Director. 81/06/09. Affiliation Not Assigned. 2pp. 52633:268-52633:269.

9002160031 Forwards memo to records room showing results of measurement of radioactivity in individual who worked in contaminated rooms at plant.Results negative. TOOHEY,R.E. Argonne National Laboratory. 81/06/04. SHUMAKER,M. Region 3, Ofc of the Director. 54pp. 52633:270-52633:323.

9002160034 Forwards director approval to perform radiological survey & expresses interest in NRC monitoring procedures. UTT,R.L. DuPage County, IL. 82/11/17. KEPLER,J.G. Region 3, Ofc of the Director. 2pp. 52633:324-52634:094.

9002010140 Requests that encl executed affidavits of PA Benioff & Y Yuan be substituted for affidavits filed on 900119 in support of response to licensee summary disposition motion. HODGDON,A.P. Assistant General Counsel for Hearings & Enforcement. #190 9734. 90/01/24. FRYE,J.H., KLINE,J.R., CARPENTER,J.H. Atomic Safety and Licensing Board Panel. 1p. 52444:001-52444:007.

9002010148 Affidavit of PA Benioff re Contention 2(o). \* No reason exists to expect that rare earth compounds would have deleterious effect on clay line due to low concentrations in aqueous phase. BENIOFF,P.A. Office of the General Counsel (Post 860701). BENIOFF,P.A. Argonne National Laboratory. 90/01/19. 2pp. 52444:002-52444:003.

9002010158 Affidavit of Y Yuan re Contention 2(g). \* Radiological analysis in suppl to FES intended & believed to be conservative.Dose calculation results for maximally exposed individual within limits of EPA regulations. YUAN,Y. Office of the General Counsel (Post 860701). YUAN,Y. Dames & Moore. 90/01/19. 4pp. 52444:004-52444:007.

9002080047 NRC Staff proposed transcript corrections.\* Certificate of Svc encl. HODGDON,A.P. Assistant General Counsel for Hearings & Enforcement. #190 9770. 90/01/29. 8pp. 52538:059-52538:066.

## 2 DOCKETED ITEMS

**9002080097** Kerr-McGee motion for leave to reply.\* Licensee seeks leave to file attached reply in order to respond to most egregious of State of IL claims.  
MESERVE,R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.).  
MESERVE,R.A. Covington & Burling. #190 9764. 90/01/29. Atomic Safety and Licensing Board Panel. 1p. 52537:350-52538:001.

**-9002080101** Kerr-McGee reply to state memorandum in opposition to Kerr-McGee motion for summary disposition.\* State of IL has offered no issues of law or fact that can justify denial of licensee motion.Certificate of Svc encl.  
MESERVE,R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.).  
MESERVE,R.A. Covington & Burling. 90/01/29. Atomic Safety and Licensing Board Panel. 12pp. 52537:351-52538:001.

**9002080108** Forwards addl copies of Exhibits 3 through 5 for insertion into transcript at Pages 827,833 & 838,respectively.One oversize drawing of groundwater at Babylon & Islip landfills in Long Island,NY encl.  
MESERVE,R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.).  
MESERVE,R.A. Covington & Burling. #190 9767. 90/01/29. FRYE,J.H. Atomic Safety and Licensing Board Panel. 6pp. 52537:099-52537:104.

**9002080075** Kerr-McGee errata sheet.\* Lists corrections to transcript of 891214-15 hearing.Certificate of Svc encl.  
ESTREICHER,H. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.).  
ESTREICHER,H. Covington & Burling. #190 9763. 90/01/30. 14pp. 52538:027-52538:040.

**9002080086** Motion to hold proceedings in abeyance.\* Requests that Board hold further proceedings on basis that NRC previously made same or substantially same motion.W/supporting info & Certificate of Svc.  
SISUL,J.J. Illinois, State of. #190 9775. 90/01/31. Atomic Safety and Licensing Board Panel. 67pp. 52537:120-52537:186.

**9002080051** Kerr-McGee opposition to state motion to hold proceedings in abeyance.\* Urges that State of IL 900130 motion be denied on basis that transfer of jurisdiction not justification for delay in proceeding.W/Certificate of Svc.  
MESERVE,R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.).  
MESERVE,R.A. Covington & Burling. #190 9792. 90/02/02. Atomic Safety and Licensing Board Panel. 4pp. 52538:086-52538:089.

**9002080069** Order (approving transcript corrections). \* Approves licensee & NRC corrections to 891214 & 15 transcripts.W/Certificate of Svc.Served on 900206.  
FRYE,J.H. Atomic Safety and Licensing Board Panel. #190 9794. 90/02/05. Office of the General Counsel (Post 860701). 4pp. 52538:041-52538:044.

**9002130097** Submits review of Kerr-McGee rept re plan to leave contaminated soils at Cimarron site near Crescent,OK & informs that groundwater threat posed by proposal to leave soils in place relatively low.  
MCHARD,D. Oklahoma, State of. 90/02/05. DAVIS,A.B. Region 3, Ofc of the Director. 7pp. 52646:057-52646:063.

**9002150040** Answer of people of State of IL in opposition to Kerr-McGee motion for leave to reply.\* Licensee proposed reply goes well beyond stated purpose & motion should be denied.  
RATHE,D.J. Illinois, State of. #190 9840. 90/02/12. Atomic Safety and Licensing Board Panel. 2pp. 52606:270-52606:281.

**-9002150055** State of IL response to Kerr-McGee reply.\* State maintains that "hot spots" have not been adequately characterized to demonstrate that leachate from highly contaminated areas will not be risk to groundwater.W/Certificate of Svc.  
RATHE,D.J. Illinois, State of. 90/02/12. Atomic Safety and Licensing Board Panel. 10pp. 52606:272-52606:281.

**9002220029** Memorandum & order (denying State of IL motion to hold proceeding in abeyance). \* Possibility that jurisdiction might be transferred provides no justification for ASLB to withhold decision.W/Certificate of Svc.Served on 900213.  
KLINE,J.R., CARPENTER,J.H., FRYE,J.H. Atomic Safety and Licensing Board Panel. #190 9887. 90/02/13. Illinois, State of. 5pp. 52637:195-52637:199.

**9002220117** Memorandum & order (ruling on State of IL request for reconsideration). \* Denies state 891221 motion & declines to reconsider rulings on summary disposition in LBP-89-35 re design criteria.W/Certificate of Svc.Served on 900213.  
KLINE,J.R., CARPENTER,J.H., FRYE,J.H. Atomic Safety and Licensing Board Panel. #190 9888. 90/02/13. Illinois, State of. 11pp. 52639:068-52639:078.

**9002220141** Initial decision (ruling on all remaining issues). \* Licensee proposed disposal cell satisfies requirements of 10CFR40,App A.NRC directed to issue license amend requested by licensee. W/Certificate of Svc.Served on 900213.  
KLINE,J.R., CARPENTER,J.H., FRYE,J.H. Atomic Safety and Licensing Board Panel. #190 9889. 90/02/13. 83pp. 52638:344-52639:067.

**9002280053** Forwards notarized affidavit replacing document attached to State of IL answer in opposition to Kerr-McGee motion for leave to reply.  
VERKLER,R.A. Illinois, State of. #190 9904. 90/02/13. Docketing & Services Branch. 1p. 52685:041-52685:043.

**-9002280060** Affidavit of DE Bernhardt re West Chicago Rare Earths facility Kerr-McGee Chemical Corp concerning Contention 2(q). \*  
BERNHARDT,D.E. Rogers & Associates Engineering Corp. 90/02/08. 2pp. 52685:042-52685:043.

**9002280035** Memorandum & order (ruling on State of IL answer to Kerr-McGee motion for leave to reply). \* State of IL provides no reason to question ASLB earlier rulings & deny state answer to Kerr-McGee motion.W/Certificate of Svc.Served on 900220.  
KLINE,J.R., CARPENTER,J.H., FRYE,J.H. Atomic Safety and Licensing Board Panel. #190 9909. 90/02/16. Illinois, State of. 5pp. 52685:026-52685:030.

### DOCKET 40-2259 PATHFINDER MINES CORP., RIVERTON, WY

**9002010239** Forwards revised Figures 2-3 & 5-3 of License SUA-672 renewal application.  
HARDGROVE,T.W. Pathfinder Mines Corp. 89/12/01. GARCIA,P. Uranium Recovery Field Ofc, R4. 3pp. 52896:051-52896:056.

**9002010228** Amend to documentary ltr of credit-irrevocable,New York Credit SB 20.851,changing applicant address.  
\* CIC-Union Europeenne, International et Cie. 90/01/10. 1p. 52505:090-52505:090.

### DOCKET 40-2298 SPRAGUE ELECTRIC CO., NORTH ADAMS, MA

**9002080107** Discusses Safety Insp 40-2298/90-01 on 900110-11.No violations noted.Major areas inspected:facilities used for storage of radwaste.Plan for removing standing water & maintaining dry environ for drums should be described.  
KINNEMAN,J.D. Region 1, Ofc of the Director. 90/01/26. WINDOVER,F. Sprague Electric Co. 4pp. 52594:152-52594:155.

### DOCKET 40-3392 ALLIED-SIGNAL, INC., MORRISTOWN, NJ

**9002090102** "Facility Effluent Rept for 890101-0701." W/890828 ltr.  
BISHOP,J.C. Allied-Signal Corp. 89/07/01. 2pp. 52615:045-52615:046.

**9002090200** Advises of mgt organizational changes at plant,effective 900201.  
BISHOP,J.C. Allied-Signal Corp. 90/01/24. PENNINGTON,S. Division of Industrial & Medical Nuclear Safety (Post 870729). 1p. 52614:299-52614:299.

### DOCKET 40-3453 ATLAS MINERALS, INC., DENVER, CO

**9002010300** Forwards corrected action rept re accelerated reclamation required to reduce Ra-222 emissions.  
BLUBAUGH,R.E. Atlas Corp. 89/12/11. HALL,R. Uranium Recovery Field Ofc, R4. 12pp. 52504:156-52504:167.

**9002010308** Discusses review of groundwater corrective action program, per License Condition 17.C.Enhanced evaporation sys installed on tailings pond in Summer 1989 & solution pumped from pond to sprinklers inside interim road.Map encl.  
BLUBAUGH,R.E. Atlas Corp. 89/12/27. HALL,R.E. Uranium Recovery Field Ofc, R4. 3pp. 52521:310-52521:312.

**9002090112** Provides reminder for licensee of deadline to have 891227 corrective action program fully operational by no later than 900701,per License Condition 17(C).  
HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/26. Atlas Corp. 2pp. 52626:320-52626:321.

### DOCKET 40-4492 AMERICAN NUCLEAR CORP., CASPER, WY

**9002120213** Lists bond estimates re second phase of reclamation project.  
MOXLEY,M. Wyoming, State of. 90/01/16. Wyoming, State of. 2pp. 52617:201-52617:202.

**9002010232** Discusses review of decommissioning rept for Gas Hills Mill.  
GARCIA,P.J., HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/18. Uranium Recovery Field Ofc, R4. 4pp. 52531:247-52531:250.

**9002090114** Provides cost breakdown for licensee required surety amount. Amount based on estimates in licensee Apr 1989 annual rept & accounts for completion of Phase 1 & 2 work.  
HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/25. MOXLEY,M. Wyoming, State of. 3pp. 52626:266-52626:268.

### DOCKET 40-6622 PATHFINDER MINES CORP., SHIRLEY BASIN, WY

**9002090353** Forwards results of technical exam of tailings embankment, including hydraulic & hydrologic capacity,surface & groundwater & structural stability.  
MURDOCK,S. Pathfinder Mines Corp. 89/11/30. HALL,R.E. Uranium Recovery Field Ofc, R4. 7pp. 52634:239-52634:245.

**9002010234** Application for amend to License SUA-442,permitting urine samples from yellowcake operators to be taken monthly.Fee paid.  
NOLTE,M.C. Pathfinder Mines Corp. 89/12/07. Uranium Recovery Field Ofc, R4. 1p. 52998:271-52998:271.

**9002010206** Ack receipt of Amend 22 to license & advises that amend consistent w/ agreements made during 891228 meeting.Type noted in Th-230 std in License Condition 47B & discussed during 900103 meeting to be corrected by NRC w/o amend.  
MURDOCK,S. Pathfinder Mines Corp. 90/01/04. HALL,R.E. Uranium Recovery Field Ofc, R4. 1p. 52504:191-52504:191.

**9002010228** Amend to documentary ltr of credit-irrevocable,New York Credit SB 20.851,changing applicant address.  
\* CIC-Union Europeenne, International et Cie. 90/01/10. 1p. 52505:090-52505:090.

**9002090140** Forwards Amend 23 to License SUA-442,changing proposed program for discharge of mill wastes by adding Condition 48 & revises background value for Th-230 specified in License Condition 47(b) issued as Amend 22 on 891229.  
HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/26. MURDOCK,S. Pathfinder Mines Corp. 2pp. 52626:333-52626:344.

**-9002090142** Amend 23 to License SUA-442 for Pathfinder Mines Corp, changing proposed program for discharge of mill wastes by adding Condition 48.  
HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/23. 10pp. 52626:335-52626:344.

**9002090144** Recommends issuance of Amend 23 to License SUA-442,adding Condition 48 re proposed waste discharge plan w/effective date of 900201,per licensee 891108 request for contained transfer of mill wastes to tailings pond.  
GARCIA,P.J. Uranium Recovery Field Ofc, R4. 90/01/26. Uranium Recovery Field Ofc, R4. 3pp. 52626:043-52626:045.

### DOCKET 40-7102 SHIELDALLOY METALLURGICAL CORP., NEWFIELD, NJ

**9002050102** Final response to FOIA request for documents.App A,B & C records encl & also available in PDR.App D records available in PDR.App E documents partially withheld (ref FOIA Exemptions 4 & 6).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/23. BEREZOFKY,E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 36pp. 52551:183-52555:090.

- 7906190586 Requests addl info re 771223 application for renewal of License SMB-743. Info needed re final product produced by licensee, ultimate use of each product & results of analysis of amounts of thorium &/or U in final products. GUINN, P.R. Materials Licensing Branch. 79/05/07. LONGAKER, J.B. Metallurg, Inc. 2pp. 52552:161-52552:162.
- 7908140357 Responds to NRC 790507 request for addl info re application for renewal of License SMB-743. Provides info, including description of final products, results of analysis of final product & total amount of thorium & U possessed at any time. LONGAKER, J.B. Metallurg, Inc. 79/06/28. GUINN, P.R. Materials Licensing Branch. 4pp. 52552:163-52552:166.
- 7911300323 Ack receipt of 790628 application for renewal of Matl/ Byproduct License SMB-743. Requests addl info re amount of thorium & U contained in slag & other wastes stored in slag dump & calibr procedures for radiation survey meters. GUINN, P.R. Materials Licensing Branch. 79/10/23. LONGAKER, J.B. Metallurg, Inc. 2pp. 52552:167-52552:168.
- 8004290249 Ack receipt of 791116 ltr w/addl info re renewal of Matl/ Byproduct License SMB-743. Requests submittal of plans for waste disposal, as originally requested in NRC 791023 ltr. Review will continue upon receipt of info. GUINN, P.R. Materials Licensing Branch. 80/04/04. LONGAKER, J.B. Metallurg, Inc. 1p. 52552:181-52552:181.
- 8006170424 Submits addl info requested by NRC 800404 ltr re application to renew Matl/Byproduct License SMB-743. Disposal of ferrochromian slag would require transfer of 122 million lb of matl. Requests meeting. LONGAKER, J.B. Metallurg, Inc. 80/04/16. GUINN, P.R. Materials Licensing Branch. 3pp. 52552:052-52552:054.
- 8006170624 Submits addl info requested by NRC 800523 ltr re application to renew matl/byproduct license. Describes storage of ferrochromian slag. State of NJ concerns re licensee methods of slag storage rectified. LONGAKER, J.B. Metallurg, Inc. 80/05/27. GUINN, P.R. Materials Licensing Branch. 2pp. 52552:182-52552:183.
- 8008250641 Amend 6 to License SMB-0743 for Shieldalloy Corp., amending license in entirety. GUINN, P.R. Materials Licensing Branch. 81/02/06. 1p. 52551:323-52551:324.
- 8505240563 Forwards application for license, per 850509 telcon. Instructions provided for renewal of application for License SMB-743. W/o encl. COOL, D.A. Uranium Fuel Licensing Branch. 85/05/14. SINKINS, A. Metallurg, Inc. 1p. 52552:197-52552:197.
- 8507303282 Discusses Insp of License SMB-743 on 850402 & forwards notice of violation. Corrective actions described in 801030 ltr not effective. Response should address recurrent violations & provide addl info re waste storage & disposal. KINNEMAN, J.D. Region 1, Ofc of the Director. 85/06/21. KRISTOFF, F. Metallurg, Inc. 3pp. 52552:198-52552:202.
- 8507303293 Notice of violation from Insp on 850402. Violations noted: air surveys in blending area not performed since 800926 & air surveys in furnace area performed only four times in 1981, once per yr during 1982-84 & not at all in 1985. \* Region 1, Ofc of the Director. 85/06/21. 2pp. 52552:201-52552:202.
- 9002050242 License SMB-0743 for Shieldalloy Corp., authorizing use of 17,700 lb Brazilian pyrochlore containing not more than 0.07% U & 2.05 thorium for production of ferrochromium & columbium nickel. NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 63/12/26. 1p. 52551:313-52551:313.
- 9002050247 Amend 1 to License SMB-0743 for Shieldalloy Corp., authorizing use of 125,000 lb Brazilian pyrochlore containing 0.07% U & 2.0% thorium for production of ferrochromium & columbium nickel. NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 65/02/01. 2pp. 52551:314-52551:315.
- 9002050250 Forwards Amend 2 to License SMB-0743. HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/09/21. CLYMER, W.B. Shieldalloy Metallurgical Corp. 1p. 52551:316-52551:316.
- 9002050254 Amend 2 to License SMB-0743 for Shieldalloy Corp., authorizing use of unlimited quantities of metalliferous ore containing 2% U & 4% thorium. HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/09/21. 2pp. 52551:317-52551:318.
- 9002050273 Amend 3 to License SMB-0743 for Shieldalloy Corp., adding Condition 10 to exempt licensee from requirements of 10CFR20.203(e)(2) & 20.203(f)(2). HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/12/27. 1p. 52551:319-52551:319.
- 9002050313 Amend 4 to License SMB-0743 for Shieldalloy Corp., authorizing use of metalliferous ore containing 0.4% U & 2% thorium for ore processing. HARMON, D.F. Atomic Energy Commission (Pre 750101). 69/01/10. 1p. 52551:321-52551:321.
- 9002050317 Amend 5 to License SMB-0743 for Shieldalloy Corp., authorizing use of metalliferous ore containing 0.4% U & 2% thorium for ore processing. DAVIS, F.C. Atomic Energy Commission (Pre 750101). 73/01/24. 1p. 52551:322-52551:322.
- 9002050345 Discusses Insp of License SMB-0743. Noncompliance noted. Requests reply within 20 days of ltr date. KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 65/06/30. CLYMER, W.B. Shieldalloy Metallurgical Corp. 1p. 52551:325-52551:325.
- 9002050365 Notice of noncompliance from Insp on 650526. Noncompliance noted: matl possessed & used in form of Norwegian & Nigerian ore w/o authorization, source matl inventory in noncompliance w/ License Condition 7 & slag storage drums not labeled. VINIGUERRA, E. Atomic Energy Commission (Pre 750101). 65/06/30. 11pp. 52551:326-52551:336.
- 9002050373 Recommends that attention be given to licensee air surveys during next Insp of License SMB-0743. Complete info on method for obtaining & analyzing samples not available during 650526 Insp. VINIGUERRA, E. Atomic Energy Commission (Pre 750101). 65/07/13. Atomic Energy Commission (Pre 750101). 1p. 52551:337-52551:337.
- 9002050381 Ack receipt of 650706 ltr informing NRC of steps taken to correct non-compliance noted in 650630 ltr & Form AEC-592. KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 65/07/13. CLYMER, W.B. Shieldalloy Metallurgical Corp. 1p. 52551:338-52551:338.
- 9002050394 Responds to NRC 650630 ltr re noncompliance noted in 650526 Insp. Corrective actions taken: amend to License SMB-0743, covering licensing of Nigerian & Norwegian ores & baddeleyite requested & slag storage drums labeled. CLYMER, W.B. Shieldalloy Metallurgical Corp. 65/07/06. KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 2pp. 52551:339-52551:340.
- 9002050410 Safety Insp on 680607 of License SMB-0743. Insp findings: no noncompliance noted. STEARNS, C.F. Atomic Energy Commission (Pre 750101). \* Shieldalloy Metallurgical Corp. 68/06/07. 1p. 52551:344-52551:344.
- 9002050415 Forwards Form AEC-591 re Insp conducted on 680607. No noncompliance noted. KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 68/06/21. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 1p. 52551:345-52551:345.
- 9002050422 Insp Rept 40-7102/68-01 on 680607. No noncompliance noted. Major areas inspected: administrative control, use of licensed matl, facilities, equipment, radiological safety procedures & personnel monitoring & exposure to external radiation. STEARNS, C.F., NELN, P.M. Atomic Energy Commission (Pre 750101). 68/07/17. 18pp. 52551:346-52552:004.
- 9002050426 Application for renewal of License SMB-0743, authorizing use of unlimited quantities of metalliferous ore containing 0.4% U & 2% thorium for ore processing. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 73/01/12. 3pp. 52552:005-52552:007.
- 9002050429 License SMB-0743 for Shieldalloy Corp., authorizing use of unlimited quantities of metalliferous ore containing 0.4% U & 2% thorium for ore processing. DAVIS, F.C. Atomic Energy Commission (Pre 750101). 73/01/24. 3pp. 52552:008-52552:009.
- 9002050430 Discusses Insp Rept 40-7102/76-01 on 761006 & forwards notice of violation. NELSON, P.R. Region 1, Ofc of the Director. 76/10/15. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 10pp. 52552:010-52552:019.
- 9002050434 Notice of violation from Insp on 761006. Violation noted: failure to make surveys necessary to determine that extent of exposure of persons handling significant quantities of U & thorium bearing ore & to assure compliance w/ 10CFR20.106. \* Region 1, Ofc of the Director. 76/10/15. 7pp. 52552:020-52552:026.
- 9002050440 Responds to NRC 761015 ltr re violations noted in Insp on 761006. Corrective actions taken: Parts 19 & 20 of License SMB-0743 & Form NRC 3 posted in certain places per 10CFR19.11 & compiled w/ requirements re restricted areas. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 76/11/11. Region 1, Ofc of the Director. 4pp. 52552:027-52552:031.
- 9002050442 Ack receipt of 761111 ltr informing NRC of corrective & preventive actions taken re violations noted in Insp Rept 40-7102/76-01. NELSON, P.R. Region 1, Ofc of the Director. 76/11/19. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 69pp. 52552:032-52552:100.
- 9002060032 Ack receipt of 770224 & 0311 responses to NRC 761119 ltr. Info supplied re licensee radiation safety program & results of dust surveys to be taken when operations involving radioactive matls resumed, will be reviewed during next Insp. NELSON, P.R. Atomic Energy Commission (Pre 750101). 77/03/16. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 1p. 52552:101-52552:101.
- 9002060040 Provides addl response to NRC 761015 ltr re violations noted in Insp Rept 40-7102/76-01 on 761006. Retained WL Silvernail as consultant to review licensee radiation safety program at Newfield facility. Consultant review rept forwarded. W/o encl. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 77/03/11. NELSON, P.R. Region 1, Ofc of the Director. 2pp. 52552:102-52552:103.
- 9002060047 Informs that 770301 due date for rept of WL Silvernail re study of licensee radiation safety program will be missed by few days. Final rept will be forwarded upon receipt from consultant for NRC review. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 77/02/24. NELSON, P.R. Region 1, Ofc of the Director. 3pp. 52552:104-52552:106.
- 9002060059 Application for renewal of License SMB-0743, authorizing use of unlimited quantities of metalliferous ore containing 0.4% U & 2.0% thorium for ore processing & potential radiation hazard evaluation per procedures described. LONGAKER, J.B. Shieldalloy Metallurgical Corp. 77/12/23. Division of Fuel Cycle & Material Safety (Pre 870413). 35pp. 52552:107-52552:141.
- 9002060071 Discusses Insp of License SMB-0743 on 771213 & forwards notice of violation. MCCLINTOCK, R.O. Region 1, Ofc of the Director. 78/01/03. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 11pp. 52552:142-52552:152.
- 9002060079 Notice of violation from Insp on 771213. Violation noted: failure to evaluate concentration of thorium released to unrestricted area in air leaving filter house, per 10CFR20.106. \* Region 1, Ofc of the Director. 78/01/03. 1p. 52552:153-52552:153.
- 9002060120 Ack receipt of 780110 ltr informing NRC of corrective & preventive actions taken re violations noted in Insp Rept 40-7102/77-01. MCCLINTOCK, R.O. Region 1, Ofc of the Director. 78/02/08. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 2pp. 52552:154-52552:155.
- 9002060133 Responds to NRC 780103 ltr re violations noted in Insp Rept 40-7102/77-01. Provides discussion & analysis of licensee position re thorium concentration evaluation to show full compliance w/ 10CFR20.201(b) & 10CFR20.106. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 78/01/10. MCCLINTOCK, R.O. Region 1, Ofc of the Director. 3pp. 52552:156-52552:158.



## 4 DOCKETED ITEMS

- 9002060173 Insp Rept 40-7102/79-01 on 791031.No noncompliance noted. Major areas inspected:mgt meeting & mgt organization. COSTELLO,J., CAMPBELL,M., MCCLINTOCK,R.O. Region 1, Ofc of the Director. 79/11/06. 9pp. 52552:169-52552:177.
- 9002060182 Provides addl info re renewal of License SMB-0743,per 791023 request. LONGAKER,J.B. Metallurg. Inc. 79/11/16. GUINN,P.R. Materials Licensing Branch. 3pp. 52552:178-52552:180.
- 9002060197 Documents telcon w/J Wilson of Academy of Natural Science in Philadelphia,PA, re leaking drums in Newfield landfill owned by licensee.Insp of subj leaking drums requested. KINNEMAN,J.D. NRC - No Detailed Affiliation Given. 80/09/11. NRC - No Detailed Affiliation Given. 1p. 52552:184-52552:184.
- 9002060204 Insp Rept 40-7102/80-01 on 800926.Noncompliance noted.Major areas inspected:mgt meeting,program requirements, independent insp effort,transportation,organization,licensee internal audits & training & instructions to employees. KINNEMAN,J.D. NRC - No Detailed Affiliation Given. 80/10/06. 9pp. 52552:185-52552:193.
- 9002060217 Forwards ltr to Shieldalloy Corp,terminating svcs as consultant on License SMB-0743. SILVERNAIL,W.L. Silvermail, W.L. 82/10/15. Region 1, Ofc of the Director. 2pp. 52552:194-52552:195.
- 9002060225 Advises that next licensee reviewer should get estimate of U & thorium in slag dump & tighter controls on airborne activity monitoring (blending & furnace areas) & develop requirement for bioassays. MCFADDEN,J. Region 1, Ofc of the Director. 85/04/05. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:196-52552:196.
- 9002060238 Discusses Allegation RI-85-A-0002 involving concerns of unknown alleged re licensee activities that caused tree deaths & increase in cancer cases in local area.Concerns not substantiated during 850402 insp.Unrelated violations noted. KINNEMAN,J.D. Region 1, Ofc of the Director. 86/01/02. SHROPSHIRE,A. Region 1, Ofc of the Director. 24pp. 52552:203-52552:228.
- 9002060242 Provides figures indicating location of water & soil samples taken at Shieldalloy Corp on 881204. WHITE,D. New Jersey, State of. 88/12/10. FRIEDMAN,L. Region 1, Ofc of the Director. 33pp. 52552:229-52552:260.
- 9002060247 Forwards proposed plan for radiological survey at Shieldalloy per 860916 request.Comments or concurrence requested. BERGER,J.D. Oak Ridge Associated Univs. 87/07/30. KINNEMAN,J. Region 1, Ofc of the Director. 8pp. 52552:261-52552:268.
- 9002060252 Provides Oak Ridge Associated Univs plan for surveying licensee facility in Newfield,NJ,per 870617 request,for review & comment.Requests to provide comments on sub plan as soon as possible. KINNEMAN,J.D. Region 1, Ofc of the Director. 87/08/07. WHITE,D. New Jersey, State of. 8pp. 52552:269-52552:276.
- 9002060255 Expresses desire to review work plan by Oak Ridge Associated Univs re radiological survey of licensee facility & to submit comments before start of field work. WHITE,D. New Jersey, State of. 87/06/17. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:277-52552:277.
- 9002060259 Expresses desire for systematic gamma survey of all licensee properties,documenting current radiological conditions of site both inside & outside controlled area.Provides comments on proposed survey plan by Oak Ridge Associated Univs. WHITE,D. New Jersey, State of. 87/09/02. KINNEMAN,J. Region 1, Ofc of the Director. 2pp. 52552:278-52552:280.
- 9002060273 Informs that licensee responses to 25% of NRC 870105 questions prepared but remaining questions require careful review of regulations.Requests extension of response submittal until 880405. MORGENTERN,M. Shieldalloy Metallurgical Corp. 88/02/25. PENNINGTON,S. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52552:293-52552:293.
- 9002060276 Forwards draft rept on radiological survey at licensee site in Newfield,NJ.Rept to be finalized based on comments from Region 1 & NMSS.Analyses for nonradiological metal contaminants in soil,sediment & water samples performed. BERGER,J.D. Oak Ridge Associated Univs. 88/05/31. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:294-52552:294.
- 9002060280 Ack receipt of 880809 ltr & radiological survey rept by Oak Ridge Associated Univs (ORAU).Rept data will be used as basis of cleanup program to be implemented at Newfield site. Details of cleanup procedures to be discussed w/ORAU. CAMPBELL,G.T. Shieldalloy Metallurgical Corp. 88/08/26. KINNEMAN,J.D. Region 1, Ofc of the Director. 1p. 52552:295-52552:295.
- 9002060284 Forwards "Radiological Survey of Shieldalloy Corp,Newfield, NJ" in response to 880908 ltr.Amend 6 & 7 to License SMB-743 & documents incorporated by ref in license also encl.Encl license remains in effect after expiration date. KINNEMAN,J.D. Region 1, Ofc of the Director. 88/10/13. ELWELL,W. Newfield, NJ. 2pp. 52552:296-52552:297.
- 9002060308 Requests for documents re Shieldalloy Corp,including existing NRC permit, new permit & date permit issued,enviro survey rept & application of licenses document,incorporated by ref. ELWELL,W. Newfield, NJ. 88/09/08. KINNEMAN,J.D. Region 1, Ofc of the Director. 2pp. 52552:298-52552:299.
- 9002060313 Requests to meet L. Friedman re NRC data on licensee as soon as possible. ELWELL,W. Newfield, NJ. 88/10/24. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:300-52552:300.
- 9002060320 Application for license,authorizing use of 17,637 lb pyrochlore containing 1.2-2.0% thorium & 0.03-0.07% U as oxides. MADSEN,S.W. Shieldalloy Metallurgical Corp. 63/11/25. 7pp. 52552:301-52552:307.
- 9002060330 Confirms 631129 telcon re licensee application for use of source matl,Form AEC-2,inadequately completed.Clariification of application provided. CLYMER,W.B. Shieldalloy Metallurgical Corp. 63/12/02. LAUTERBACH,K. Atomic Energy Commission (Pre 750101). 3pp. 52552:308-52552:310.
- 9002060334 Forwards License SMB-0743 re disposal of slag from smelting operations per 10CFR20.301. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 63/12/20. MADSEN,S.W. Shieldalloy Metallurgical Corp. 2pp. 52552:311-52552:312.
- 9002060349 Requests to extend license to include 100,000 lb columbium bearing pyrochlore ore,per understanding of discussion during 640812 telcon between WB Clymer & DA Nussbaumer that such license extension possible. MADSEN,S.W. Shieldalloy Metallurgical Corp. 64/08/12. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:313-52552:314.
- 9002060356 Requests addl info re 640812 application for amend to AEC License SMB-743.Lists info required. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 64/09/04. MADSEN,S.W. Shieldalloy Metallurgical Corp. 2pp. 52552:315-52552:316.
- 9002060365 Notifies that License SMB-743 expires on 641231 & advises that application for license renewal be filed 30 days before expiration date if licensee wishes to renew license. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 64/11/19. MADSEN,S.W. Shieldalloy Metallurgical Corp. 1p. 52552:317-52552:317.
- 9002060371 Ack receipt of notice of expiration of License SMB-743 & submits Form AEC-2,per request. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 64/11/24. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 1p. 52552:318-52552:318.
- 9002060376 Application for amend to License SMB-743,authorizing use of 17,637 lb pyrochlore concentrate containing 1.2-2.0% thorium & 0.03-0.07% U to produce ferro columbium & columbium nickel. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 64/11/24. 7pp. 52552:319-52552:325.
- 9002060384 Requests addl info re 641124 application for renewal of License SMB-743.Lists info needed.Advises that no allowance shall be made for use of protective equipment in determining exposure of personnel to radioactivity in excess of limits. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 64/12/24. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 2pp. 52552:326-52552:327.
- 9002060397 Provides info re standardizing use of pyrochlore concentrates as used under License SMB-743,per 650903 request.Licensee program for future work also discussed. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/01/12. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 4pp. 52552:328-52552:331.
- 9002060402 Forwards AEC License SMB-743 as renewed.Advises that per 10CFR20.103(c)(1),allowance may not be made for use of protective equipment in determining exposure of individuals to airborne radioactivity w/o AEC approval. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 65/02/01. CLYMER,W.B. Shieldalloy Metallurgical Corp. 2pp. 52552:332-52552:333.
- 9002060404 Ack receipt of AEC 650201 ltr & requests for extension of License SMB-743.Requests that license be further revised to allow licensee to process unlimited quantities of Araxa pyrochlore concentrates & resulting slag,per 650112 ltr. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/02/15. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:334-52552:335.
- 9002060406 Forwards Ledoux rept re solubility of slags produced in aluminothermic smelting of Araxa pyrochlore concentrates & ltr from Ledoux & Co outlining procedures used in analyses. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/02/25. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 3pp. 52552:336-52552:338.
- 9002060408 Requests to secure authorization to possess 15 tons baddeleyite & to smelt matl in test series w/simultaneous survey of airborne pollution.Results of analyses of baddeleyite provided. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/03/04. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:339-52552:340.
- 9002060410 Forwards amend to AEC License SMB-743.Advises that application for authorization to dispose licensed matl by burial in manner different from 10CFR20.304 spec must be filed.Airborne survey program included in amend. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 65/04/05. CLYMER,W.B. Shieldalloy Metallurgical Corp. 1p. 52552:341-52552:341.
- 9002060412 Amend 2 to License SMB-743 for Shieldalloy Corp,authorizing use of unlimited quantities of Brazilian pyrochlore containing 0.07% U & 2.0% thorium & 15 tons of baddeleyite. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 65/04/05. 1p. 52552:342-52552:342.
- 9002060415 Ack receipt of 650405 ltr & amend to AEC License SMB-743. Based on situations discussed,requests further amend to license as indicated. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/05/25. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:343-52552:344.
- 9002060416 Requests authorization to visit Shieldalloy Corp to observe facilities & equipment to be used in proposed activities,to observe site for burial of byproduct slag & to discuss items &/or info needed to amend license. HARMON,D.A. Atomic Energy Commission (Pre 750101). 65/06/17. MCBRIDE,J.A. Atomic Energy Commission (Pre 750101). 1p. 52552:345-52552:345.
- 9002060418 Provides info,per telcon request re 650525 application for amend to License SMB-743.Auxiliary operations to be employed in preparing ore for aluminothermic or electric furnace smelting listed. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/08/30. HARMON,D. Atomic Energy Commission (Pre 750101). 3pp. 52552:346-52552:348.
- 9002070041 Amend 3 to License SMB-743 for Shieldalloy Corp,authorizing use of unlimited quantities of metalliferous ore containing 2% U & 4% thorium. HARMON,D.F. Atomic Energy Commission (Pre 750101). 65/09/21. 1p. 52553:007-52553:007.
- 9002070047 Requests permission to post at plant gates signs reading "Any containers within plant may contain radioactive matl" & bearing radiation symbol,per 10CFR20.203a. CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/12/13. HARMON,D. Atomic Energy Commission (Pre 750101). 1p. 52553:008-52553:008.

-9002070065 Informs that licensee will be able to comply w/AEC recommendation. After 661104, licensee will be governed by 10CFR20.203(f)(3)(iv) & (vi). BERRY, B. Shieldalloy Metallurgical Corp. 66/10/24. NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 1p. 52553:011-52553:011.

-9002070104 Amend to License SMB-743 for Shieldalloy Corp, exempting licensee from requirements of 10CFR20.203(e)(2) for areas within plant provided all entrances to plant conspicuously posted per sub regulation. HARMON, D.F. Atomic Energy Commission (Pre 750101). 66/11/02. 1p. 52553:014-52553:014.

-9002070145 Notice of expiration of License SMB-743 on 680131. Advises that application should be submitted using Form AEC-2 at least 30 days prior to expiration date. NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 67/11/28. BERRY, B. Vanadium Corporation of America. 1p. 52553:023-52553:023.

-9002070150 Application for renewal to License SMB-743, authorizing use of 15 tons baddeleyite containing 0.35% U & unlimited quantities of pyrochlore concentrate containing 0.03-0.07% U & 1.2-2.0% thorium as oxides. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 67/12/22. 5pp. 52553:024-52553:028.

-9002070156 Forwards License SMB-743, as renewed. HARMON, D.F. Atomic Energy Commission (Pre 750101). 68/01/10. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 1p. 52553:029-52553:029.

-9002070160 Safety insp on 680221 of License SMB-743. Insp findings: no noncompliance noted. STEARNS, C.F. Atomic Energy Commission (Pre 750101). \* Shieldalloy Metallurgical Corp. 68/06/21. 1p. 52553:030-52553:030.

-9002070194 Notice of expiration of License SMB-743 on 730131. Advises to submit renewal application, using Form AEC-2, 30 days before expiration date of license. MALARO, J.C. Atomic Energy Commission (Pre 750101). 72/12/20. Shieldalloy Metallurgical Corp. 1p. 52553:041-52553:041.

-9002070196 Forwards application for renewal of License SMB-743. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 73/01/12. Atomic Energy Commission (Pre 750101). 1p. 52553:042-52553:046.

-9002070224 Ack receipt of application for renewal of License SMB-0743. Application deemed timely filed & accordingly, license will not expire until final action taken by ofc. WRIGHT, E.G. Radioisotopes Licensing Branch (Pre 790501). 78/01/20. LONGAKER, J.B. Shieldalloy Metallurgical Corp. 2pp. 52553:050-52553:051.

-9002070232 Advises that fee required for 801030 application for amend to License SMB-0743, per 10CFR170. JACKSON, G. License Fee Management Branch (Pre 861123). 80/11/12. LONGAKER, J.B. Shieldalloy Metallurgical Corp. 1p. 52553:055-52553:055.

-9002070236 Forwards check to cover fee for 801030 amend request for License SMB-743. LONGAKER, J.B. Metallurg, Inc. 80/11/24. JACKSON, G. License Fee Management Branch (Pre 861123). 2pp. 52553:056-52553:057.

-9002070245 Forwards ltr to Shieldalloy Corp, terminating svcs as consultant on License SMB-743. SILVERNAIL, W.L. Silvermail, W.L. 82/10/15. Materials Licensing Branch. 1p. 52553:058-52553:058.

-9002070251 Application for amend to License SMB-743, authorizing change in License Condition 12 as stated. Fee paid. LONGAKER, J.B. Metallurg, Inc. 80/10/30. GUINN, P.R. Materials Licensing Branch. 1p. 52553:059-52553:059.

-9002070256 Advises of adjustments in application fee for renewal of License SMB-743. HOLLOWAY, C.J. License Fee Management Branch (Pre 861123). 86/04/18. SIMKINS, O.A. Shieldalloy Metallurgical Corp. 9pp. 52553:060-52553:068.

-9002070278 Undated memo informing that licensee submitted application for amend to license to correct items of noncompliance noted during insp on 650526. Forwards insp rept for info & requests to be informed if application denied. HANDLER, R. NRC - No Detailed Affiliation Given. 90/02/07. HARMON, D. NRC - No Detailed Affiliation Given. 1p. 52553:079-52553:079.

-9002070283 Ack receipt of AEC 650630 ltr & AEC-592. Informs that licensee applied for amend to License SMB-743, authorizing possession of Nigerian & Norwegian ores & surplus quantity baddeleyite. Slag storage drums labeled as required. CLYMER, W.B. Shieldalloy Metallurgical Corp. 65/07/06. KIRKMAN, R.W. Region 1, Ofc of the Director. 1p. 52553:080-52553:082.

-9002070290 Safety insp on 650630 of License SMB-743. Insp findings: source matl possessed & used in form of Norwegian & Nigerian ore & 38,000 lb Baddeleyite ore w/o authorization & slag storage drums not labeled. W/5 oversize drawings. VINGUERRA, E. Atomic Energy Commission (Pre 750101). \* Shieldalloy Metallurgical Corp. 65/06/30. 208pp. 52553:083-52553:290.

-9002070304 Partially deleted Insp Rept 40-7102/85-01 on 850402. Noncompliance noted. Major areas inspected: mgt meeting, program requirements, followup on noncompliance & deviations, independent insp effort, transportation & mgt organization. MCFADDEN, J. Region 1, Ofc of the Director. 85/05/08. 20pp. 52553:292-52553:311.

-9002070443 Forwards partially deleted recorded annual whole body exposure rept for CY87 in compliance w/License SMB-743. MORGENTERN, M. Shieldalloy Metallurgical Corp. 88/05/12. NRC - No Detailed Affiliation Given. 1p. 52554:181-52554:181.

-9002070448 Partially deleted "Annual Whole Body Exposure Rept for CY87." \* Shieldalloy Metallurgical Corp. 87/12/31. 25pp. 52554:182-52555:090.

9002070302 Application for amend to License SMB-1507, limiting application to areas in which radioactive slags now located. W/one oversize drawing. PORTER, W.F. ENSR Consulting & Engineering (formerly ERT). 90/01/29. SJOBLUM, G.L. Fuel Cycle Safety Branch. 2pp. 52526:203-52526:047.

-9002020304 "Shieldalloy Metallurgical Corp, Decontamination Rept." \* ENSR Consulting & Engineering (formerly ERT). 5990-001-230. 90/01/31. 923pp. 52526:205-52526:047.

9002050091 FOIA request for documents re Shieldalloy Metallurgical Corp, including but not limited to correspondence between NRC & licensee, New Jersey EPA & other governmental agencies & documentation re on & off site radwaste storage & disposal. BEREZOFSKY, E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 89/10/18. MILLER, M. Region 1, Ofc of the Director. 1p. 52551:182-52551:182.

9002050307 Amend to License SMB-0743 for Shieldalloy Corp, amending item 10 of license to exempt licensee from requirements of 10CFR20.203(e)(2). HARMON, D.F. Atomic Energy Commission (Pre 750101). 66/11/02. 1p. 52551:320-52551:320.

#### DOCKET 40-7397 FOOTE MINERAL CO., EXTON, PA

9002050102 Final response to FOIA request for documents. App A, B & C records encl & also available in PDR. App D records available in PDR. App E documents partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/23. BEREZOFSKY, E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 36pp. 52551:183-52555:090.

-8710060147 License SMB-850 for Foote Mineral Co, authorizing possession of 6,900 lbs U & thorium as contaminant in slag furnacing operations, per licensee 700812 application. LAYFIELD, R.L. Atomic Energy Commission (Pre 750101). 70/08/28. 1p. 52553:291-52553:291.

-9002050112 Safety insp on 670323 of License SMB-0850. Insp findings: no noncompliance noted. HUETER, L.J. Atomic Energy Commission (Pre 750101). \* Vanadium Corporation of America. 67/03/23. 1p. 52551:219-52551:219.

-9002050124 Undated ltr ack receipt of 870302 ltr & 870423 telcon re licensee intention to sell Cambridge, OH plant to Shieldalloy Corp. Requests listed info needed before NRC will authorize release of license & properties for unrestricted use. MCCANN, G.M. Region 3, Ofc of the Director. 90/02/05. JACOBSON, R.N. Foote Mineral Co. 22pp. 52551:220-52551:243.

-9002050150 Documents history of License SMB-0850 from 650910 license issuance & provides summary of Region III 870330 meeting w/ Shieldalloy Corp re purchase of plant facilities from Foote Mineral Co. Concludes that 10CFR40.42 applies to purchase. MCCANN, M. Region 3, Ofc of the Director. 87/04/08. MALLET, B. Region 3, Ofc of the Director. 6pp. 52551:244-52551:249.

-9002050173 Responds to 870505 ltr requesting consent to transfer possession of onsite radwaste matls from Foote Mineral Co to Shieldalloy Corp. Advises that License SMB-1507 issued to latter, License SMB-0850 retired & 870505 request granted. MCCANN, G.M. Region 3, Ofc of the Director. 87/06/09. JACOBSON, R.N. Foote Mineral Co. 1p. 52551:253-52551:253.

-9002050199 Summary of trip to Shieldalloy facilities in Cambridge, OH re 871117 meeting w/ licensee to discuss options for disposal of large piles of thorium/U contaminated slag currently possessed under License SUB-0850. MCCANN, G.M. Region 3, Ofc of the Director. 87/11/18. Region 3, Ofc of the Director. 2pp. 52551:264-52551:265.

-9002060419 Forwards Vanadium Corp of America application for source matl license & supplemental info, authorizing pilot scale processing of tin slag containing thorium & requests to expedite review of application & granting of license. AUGUSTINE, R.J. Applied Health Physics, Inc. 65/09/10. NUSSBAUMER, D. Atomic Energy Commission (Pre 750101). 1p. 52552:349-52552:349.

-9002060421 Forwards AEC License STB-850. HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/09/15. MCLEER, T.J. Vanadium Corporation of America. 1p. 52553:005-52553:005.

-9002060422 License STB-850 for Vanadium Corp of America, authorizing use of 220 lb thorium. HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/09/15. 1p. 52553:006-52553:006.

-9002070053 Forwards application for amend to License STB-850 for Vanadium Corp of America, extending license to 661231 & authorizing increased possession of source matl for use in pilot-scale processing & refinement of techniques. W/0 encl. AUGUSTINE, R.J. Applied Health Physics, Inc. 65/12/15. HARMON, D.F. Atomic Energy Commission (Pre 750101). 2pp. 52553:009-52553:010.

-9002070082 Notices of expiration of License STB-850 on 661231. Advises that application for renewal be submitted using Form AEC-2 at least 30 days before expiration date. NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 66/10/25. PRIMOSIC, A.J. Vanadium Corporation of America. 1p. 52553:012-52553:012.

-9002070088 Amend 1 to License STB-850 for Vanadium Corp of America, amending items 4, 6, 7 & 8 of license to read as stated. HARMON, D.F. Atomic Energy Commission (Pre 750101). 66/01/04. 1p. 52553:013-52553:013.

-9002070110 Forwards Form AEC-2 for renewal of amended License STB-850 & informs that Applied Health Physics, Inc will conduct radiological surveys to evaluate dust control measures & radiological hazards during pilot studies. PRIMOSIC, A.J. Vanadium Corporation of America. 66/11/02. HARMON, D.F. Atomic Energy Commission (Pre 750101). 1p. 52553:015-52553:015.

-9002070113 Application for renewal of License STB-850, authorizing use of 150 lb natural U & 6,720 lb natural thorium. PRIMOSIC, A.J. Vanadium Corporation of America. 66/11/02. 3pp. 52553:016-52553:018.

-9002070117 Forwards License SMB-850 as renewed. HARMON, D.F. Atomic Energy Commission (Pre 750101). 66/11/14. PRIMOSIC, A.J. Vanadium Corporation of America. 1p. 52553:019-52553:019.



## 6 DOCKETED ITEMS

-9002070119 License SMB-850 for Vanadium Corp of America,authorizing use of 6,870 lb thorium-U for use per procedures described in 661102 application. HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/11/14. 1p. 52553:020-52553:020.

-9002070132 Ack receipt of License SMB-850 as renewed.Informs that 661102 application for renewal covered License STB-850 & requests to be advised if license actually changed to SMB-850. PRIMOSIC,A.J. Vanadium Corporation of America. 66/11/17. HARMON,D.F. Atomic Energy Commission (Pre 750101). 2pp. 52553:021-52553:022.

-9002070167 Informs that License SMB-850 expired on 691130 & that no renewal application filed per 10CFR40.43.Advises to complete & return within 15 days encl form,if licensee no longer wish to be licensed & possesses no source matl. BUCHANAN,C.R. Region 1, Ofc of the Director. 70/07/07. PRIMOSIC,A.J. Vanadium Corporation of America. 1p. 52553:031-52553:031.

-9002070171 Notice of expiration of License SMB-850 on 691130.Advises to submit application for renewal,using Form AEC-2,at least 30 before expiration date of license. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 69/09/29. PRIMOSIC,A.J. Vanadium Corporation of America. 1p. 52553:032-52553:033.

-9002070181 Ack receipt of 661117 ltr re change in prefix of source matl license as renewed.Change made for administrative purposes to reflect current matl status under license. HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/11/28. PRIMOSIC,A.J. Vanadium Corporation of America. 2pp. 52553:034-52553:035.

-9002070186 Application for renewal to License SMB-850,authorizing use of 150 lb natural U containing 0.04% U & 6,500 lb natural thorium containing 2% thorium. PRIMOSIC,A.J. Atomic Energy Commission (Pre 750101). 70/08/12. 2pp. 52553:036-52553:037.

-9002070188 Forwards application for renewal of License SMB-850. Application made in name of Foote Mineral Co due to merger. Application not encl. PRIMOSIC,A.J. Foote Mineral Co. 70/08/12. BUCHANAN,C.R. Atomic Energy Commission (Pre 750101). 3pp. 52553:038-52553:040.

-9002070205 Advises that activity authorized by License SMB-850 now subj to fee Category 2B of Section 170.31. MILLER,W.O. Atomic Energy Commission (Pre 750101). 74/02/22. COGHLAN,J. Foote Mineral Co. 1p. 52553:047-52553:047.

-9002070213 Certificate of disposition of matls:no matls procured by licensee under License SMB-850. PRIMOSIC,A.J. Foote Mineral Co. 75/09/15. 2pp. 52553:048-52553:049.

-9002070268 Corrected License SMB-1507 for Shieldalloy Corp,authorizing possession of U & thorium as contaminant in slag from previous alloy furnace operations. MCCANN,G.M. Region 3, Ofc of the Director. 87/05/27. 3pp. 52553:069-52553:071.

-9002070274 Forwards original License STB-850,660104 & 1114 license amends & 661128 AEC ltr explaining change in license number to SMB-850,in response to 661108 telephone inquiry. MORIARTY,M. Operations Branch. 87/11/10. DOERR,W.W. ENSR Consulting & Engineering (formerly ERT). 7pp. 52553:072-52553:078.

-9002070395 Application for amend to License STB-850,authorizing use of 6720 lb natural thorium containing 2% thorium & 150 lb natural U containing 0.04% U for pilot scale operations. PRIMOSIC,A.J. Vanadium Corporation of America. 65/12/15. 5pp. 52554:175-52554:180.

### DOCKET 40-7580 FANSTEEL, INC., NORTH CHICAGO, IL

9001290065 Informs of 900116 meeting to discuss operational status & future plans of Fansteel Muskegee,Oklahoma plant.Fansteel ceased chemical extraction process portion of plant & has no plans to continue operation in future. LAROCHE,G. Fuel Cycle Safety Branch. 90/01/18. Fuel Cycle Safety Branch. 1p. 52469:090-52469:090.

9001300437 Discusses plans for Muskogee plant,per request.Shutdown of ore treating facilities,due to sale,sintering furnaces, hydriding furnaces & auxiliary equipment,along w/tantalum work-in-process inventory planned. EMORY,C.V. Fansteel, Inc. 90/01/24. SJOBLUM,G. Division of Industrial & Medical Nuclear Safety (Post 870729). 2pp. 52497:013-52497:014.

9002070221 Forwards License SMB-911.renewed in entirety.Revised license contains conditions requiring timely action.SER & GL Sjoblom 900201 memo re eligibility for categorical exclusion also encl. SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/02/01. CARLILE,T.S. Fansteel, Inc. 2pp. 52598:228-52598:233.

-9002070240 License SMB-911 for Fansteel,Inc,revising license in entirety. SJOBLUM,G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/01. 3pp. 52598:230-52598:236.

-9002070248 SER recommending approval of licensee 871016 revised application for renewal of License SMB-911,as supplemented, subj to NRC conditions. PENNINGTON,W.S., BIDINGER,G.H. Fuel Cycle Safety Branch. 90/02/01. 15pp. 52598:237-52598:251.

-9002070253 Discusses eligibility for categorical exclusion under 10CFR51.22 re 860627 application for renewal of License SMB-911, revised on 871016.Conclusion that environ assessment & EIS not warranted,per 10CFR51.22(c)(11),noted. SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/02/01. Fuel Cycle Safety Branch. 2pp. 52598:252-52598:253.

### DOCKET 40-7604 BP CHEMICALS AMERICA, INC., LIMA, OH

9001310409 Summary of 900123 meeting w/BP Chemicals in Rockville,MD re radiological assessment for remedial action at Lima,OH. LAROCHE,G. Fuel Cycle Safety Branch. 90/01/30. SJOBLUM,G.L. Fuel Cycle Safety Branch. 2pp. 52497:195-52497:196.

### DOCKET 40-8027 NEW SEQUOYAH FUELS CORP., OKLAHOMA CITY, OK

8912080108 Forwards "Self-Monitoring Repts for Jul-Sept 1989" & revised repts for May & June 1989. KNIGHT,S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 89/10/27. BARNETT,J. Oklahoma, State of. 1p. 52593:307-52593:326.

-8912080112 "Self-Monitoring Discharge Rept for Jul 1989." KNIGHT,S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 89/07/31. 5pp. 52593:308-52593:312.

-9002130002 "Self-Monitoring Rept for Aug 1989." \* Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 89/08/31. 5pp. 52593:313-52593:317.

-9002130003 "Self-Monitoring Rept for Sept 1989." \* Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 89/09/30. 5pp. 52593:318-52593:322.

-8912080116 Corrected, "Self-Monitoring Rept for May 1989." KNIGHT,S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 89/05/31. 2pp. 52593:323-52593:324.

-8912080117 Corrected, "Self-Monitoring Rept for June 1989." KNIGHT,S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 89/06/30. 2pp. 52593:325-52593:326.

9001030097 Requests legal opinion re whether NRC can authorize onsite disposal under 10CFR20.302 for NRC-licensed facility located in Agreement State.State of IL stated that NRC may not have jurisdiction over Allied-Signal disposal of wood pallets. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 89/12/14. TREBY,S.A. Assistant General Counsel for Rulemaking & Fuel Cycle. 4pp. 52655:069-52655:072.

9002010139 PNO-IV-90-005:on 900122,solenoid valve failure caused in-plant spill of 10,000 to 20,000 lb of depleted UF<sub>6</sub> powder.One worker inhaled or ingested small amount of matl. Analysis of urine & fecal samples underway. FISHER,W.L., YANDELL,L.A. Region 4, Ofc of the Director. 90/01/23. 2pp. 52532:064-52532:065.

9002090090 Ack receipt of 891207 submittal of addl info re unusual event declared during NRC insp conducted on 891106-08. BEACH,A.B. Region 4, Ofc of the Director. 90/01/23. KNIGHT,S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 1p. 52608:024-52608:024.

9002160069 Advises that licensee intends to submit summary of 900122 spill of U tetra-fluoride in UF<sub>6</sub> reduction bldg as soon as practicable.Summary will include full description of event & will address corrective actions taken or to be taken. GRAVES,R. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 90/01/26. MARTIN,R.D. Region 4, Ofc of the Director. 1p. 52658:184-52658:184.

9002090157 Forwards Amend 6 to License SUB-1010,revising Condition 9 to include date of 891107 & deleting Condition 25. SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/01/29. KNIGHT,S.P. New Sequoyah Fuels Corp. 1p. 52626:324-52626:332.

-9002090161 Amend 6 to License SUB-1010 for New Sequoyah Fuels Corp, revising Condition 9 to include date of 891107 & deleting Conditions 11,19,23 & 25. SJOBLUM,G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/29. 3pp. 52626:325-52626:327.

-9002090162 Safety evaluation accepting 891107 application to amend License SUB-1010 re raffinate fertilizer program. HORN,M. Fuel Cycle Safety Branch. 90/01/29. 4pp. 52626:328-52626:331.

-9002090163 Advises that neither environ assessment nor EIS warranted for licensee 891107 request to amend License SUB-1010, revising treated raffinate fertilizer program requirements. SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/01/29. Fuel Cycle Safety Branch. 1p. 52626:332-52626:332.

9002160059 Discusses 900123 telcon w/licensee re treated raffinate fertilizer program.Licensee plans to request complete elimination of regulatory controls on application of treated raffinate for use as commercial fertilizer. BIDINGER,G.H. Fuel Cycle Safety Branch. 90/01/29. SJOBLUM,G.S. Fuel Cycle Safety Branch. 1p. 52679:096-52679:096.

9002140275 Ack receipt of 900202 ltr summarizing 900122 event at facility & corrective actions taken since event.Concurs w/ decision to restart UF<sub>6</sub> reduction plant. MARTIN,R.D. Region 4, Ofc of the Director. 90/02/09. GRAVES,R. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 1p. 52653:207-52653:215.

-9002140278 Forwards summary of events leading to 900122 depleted UF<sub>6</sub> spill from vent port located on top of product weight bin. Possibly caused by defective solenoid valve causing nitrogen to pressurize storage bin.Spill contained within bldg. GRAVES,R. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 90/02/02. MARTIN,R.D. Region 4, Ofc of the Director. 8pp. 52653:208-52653:215.

9002220313 Application for amend to License SUB-1010,changing name of licensee from Sequoyah Fuels Corp to Sequoyah Fuels Intl Corp,establishing new process lab organization & adding "solid wastes" to Chapter 10 re decontamination.Fee paid. KNIGHT,S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 90/02/12. SJOBLUM,G.L. Fuel Cycle Safety Branch. 82pp. 52673:167-52673:248.

### DOCKET 40-8035 COTTER CORP., ROSWELL, NM

9002070335 Requests to be advised within 30 days of plans & schedule for consideration of options & selection of remedial action at West Lake Landfill. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. 90/02/02. RIFAKES,G. Cotter Corp. 2pp. 52586:241-52586:242.

**DOCKET 40-8084 RIO ALGOM MINING CORP., MOAB, UT**

8912130304 Forwards land-use survey map & submits changes to groundwater monitoring wells & surface sampling stations. W/o one oversize survey map. PATTISON,R.S. Rio Algom Mining Corp. 89/10/09. HALL,R.E. Uranium Recovery Field Ofc, R4. 3pp. 52488:001-52488:003.

9002120209 Application for amend to License SUA-1119,amending Condition 54 to allow disposal of addl 35,000 cubic yards of contaminated mill wastes,soil,waste rock & Bisco Lake sediments as outlined in 890331 submittal. PATTISON,R.S. Rio Algom Mining Corp. 90/01/09. HALL,R.E. Uranium Recovery Field Ofc, R4. 1p. 52617:236-52617:236.

**DOCKET 40-8452 BEAR CREEK URANIUM CO., CASPER, WY**

9002090211 "Semiannual Effluent & Environ Monitoring Data,Jul-Dec 1989." W/900119 ltr. CHASE,G. Bear Creek Uranium Co. 89/12/31. JACOBY,D. Uranium Recovery Field Ofc, R4. 46pp. 52626:269-52626:314.

**DOCKET 40-8502 MALAPAI RESOURCES CO., PHOENIX, AZ**

9001290133 Forwards amended corrective action plan for Monitor Well SSM-43 & updated status of Wells SSM-43,SSM-18 & DM-10. Wells SSM-18 & SSM-43 remained relatively unchanged while Well DM-10 has shown significant improvement since start-up. WICHES,D.L. Malapai Resources Co. 89/12/15. KONWINSKI,G. Uranium Recovery Field Ofc, R4. 5pp. 52453:266-52453:270.

9002090146 Ack receipt of 891218 ltr informing NRC of steps taken to correct violations noted in insp rept of License SUA-1341 & informs that violation will be deleted from insp record. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/03. Malapai Resources Co. 2pp. 52614:290-52614:291.

9002010295 Requests that review commentaries for Malapai TFN 2 2/270 re byproduct disposal be ready for reply on 900201. SHAFFER,R. Wyoming, State of. 90/01/08. ENGELMANN,R. Wyoming, State of. 1p. 52522:058-52522:058.

9002010046 Advises of ownership of Wyoming Mineral Corp drawings included in 891205 onsite disposal application. WICHES,D.L. Malapai Resources Co. 90/01/11. HAWKINS,E.F. Uranium Recovery Field Ofc, R4. 1p. 52531:068-52531:068.

9002010062 Confirms 900105 telcon re exceedance of upper control limits in samples from ore zone Monitor Well MW-19. WICHES,D.L. Malapai Resources Co. 90/01/11. MOONEY,G. Wyoming, State of. 5pp. 52539:104-52539:108.

9002010066 Confirms 900105 telcon re exceedance of upper control limits in samples from ore zone Monitor Well MW-19. WICHES,D.L. Malapai Resources Co. 90/01/11. HALL,R.E. Uranium Recovery Field Ofc, R4. 5pp. 52539:109-52539:113.

9002010212 Advises that production operations temporarily suspended & that operations placed on standby status effective 900205. HOHNE,F.C. Malapai Resources Co. 90/01/18. HALL,R.E. Uranium Recovery Field Ofc, R4. 2pp. 52505:207-52505:208.

**DOCKET 40-8546 NATIONAL AERONAUTICS & SPACE ADMIN., HAMPTON, VA**

9002160182 Discusses Insp Rept 40-8546/90-01 on 900104 & forwards notice of violation. CLINE,W.E. Region 2, Ofc of the Director. 90/02/01. WESSEL,W. National Aeronautics & Space Admin. 2pp. 52658:151-52658:153.

-9002160187 Notice of violation from Insp on 900104.Violation noted:on 880808 & 890119 & 0404,thoriated metal rods used at Advex Corp in Hampton,VA rather than at Langley Research Ctr (location authorized by license). CLINE,W.E. Region 2, Ofc of the Director. 90/02/01. 1p. 52658:153-52658:153.

**DOCKET 40-8584 MINERALS EXPLORATION CO., LOS ANGELES, CA**

9002010047 Forwards Amend 12 to License SUA-1350,authorizing proposed lon exchange U recovery operation by adding Condition 45 & maintaining other conditions. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/19. Minerals Exploration Co. (subs. of Union Oil Co. of California). 1p. 52541:175-52541:191.

-9002010052 Amend 12 to License SUA-1350 for Minerals Exploration Co, authorizing use of unlimited natural U byproducts at licensee U milling facilities in Sweetwater County,WY. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/19. 12pp. 52541:176-52541:187.

-9002010053 Issues Amend 12 to License SUA-1350 authorizing operation of small lon exchange facility by adding Condition 45. GARCIA,P.J. Uranium Recovery Field Ofc, R4. 90/01/19. Uranium Recovery Field Ofc, R4. 4pp. 52541:188-52541:191.

**DOCKET 40-8610 STEPAN CHEMICAL CO., MAYWOOD, NJ**

9002050102 Final response to FOIA request for documents.App A,B & C records encl & also available in PDR.App D records available in PDR.App E documents partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/23. BEREZOWSKY,E. Tomar, Simonoff, Adounian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 36pp. 52551:183-52551:250.

-9002050407 Compliance inquiry memo re possible violation of conditions of License STC-133 by GSA,per Shieldalloy personnel.Advises that amend to License STC-133 will be submitted to comply w/ 10CFR40 requirement. RYAN,A.F. Region 1, Ofc of the Director. 65/07/29. Atomic Energy Commission (Pre 750101). 3pp. 52551:341-52551:343.

**DOCKET 40-8681 UMETCO MINERALS CORP., GRAND JUNCTION, CO**

9001310401 "White Mesa Mill Drainage Rept for Submittal to NRC Jan 1990." W/ 900110 ltr & three oversize drawings. SPARLING,D.K. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 90/01/31. HALL,R.E. Uranium Recovery Field Ofc, R4. 185pp. 52541:040-52541:172.

8912140191 Forwards effluent rept & "Semiannual Air Quality & Monitoring Rept for Blanding Project,Jan-June 1989." SWANSON,G.L. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 89/08/31. HALL,R.E. Uranium Recovery Field Ofc, R4. 1p. 52612:093-52612:226.

-9002150153 Effluent rept for period of Jan-June 1989. \* UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 89/06/30. 81pp. 52612:094-52612:174.

**DOCKET 40-8698 PLATEAU RESOURCES, LTD., GRAND JUNCTION, CO**

9002120229 "Effluent Monitoring Rept for Jul-Dec 1989." W/900108 ltr. MORRILL,V.W. Plateau Resources, Ltd. 89/12/31. 10pp. 52617:184-52617:193.

9002090106 Discusses 1989 land use survey for Plateau Resources Ltd, shootaring operations,per License Condition 29 of License SUA-1371. JACOBY,D.L., HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/26. Uranium Recovery Field Ofc, R4. 2pp. 52626:345-52626:346.

**DOCKET 40-8714 CLEVELAND-CLIFFS IRON CO., CLEVELAND, OH**

9002010200 Forwards State of WY Dept of Environ Quality 891208 ltr re termination of R&D License 3RD. AHO,G.D. Cleveland-Cliffs, Inc. 89/12/13. SMITH,R.D. Uranium Recovery Field Ofc, R4. 2pp. 52505:212-52505:213.

**DOCKET 40-8724 CHEMETRON CORP., CHICAGO, IL**

9002070324 Forwards results of U-238 analyses by Oak Ridge Associated Univs & Alpha Energy Lab on split soil samples from Chemetron site. BERGER,J.D. Oak Ridge Associated Univs. 90/01/30. GIBBONS,D. Region 3, Ofc of the Director. 4pp. 52612:301-52612:304.

9002010032 Requests assistance in resolving dump site situation in Newburgh Heights,OH.Allegheeny Intl encl 900109 ltr indicates that work should be completed by 901231.More effort needed from NRC to accelerate time table. SULIK,R.D. Ohio, State of. 90/02/01. LAROCHE,G. NRC - No Detailed Affiliation Given. 3pp. 52532:084-52532:086.

**DOCKET 40-8783 URANERZ USA, INC., CASPER, WY**

9002090099 Summary of 900125 meeting w/licensee in Region IV ofc re reliability of data & application matl submitted for NRC review. KONWINSKI,G.R. Uranium Recovery Field Ofc, R4. 90/01/31. Uranium Recovery Field Ofc, R4. 2pp. 52608:012-52608:013.

**DOCKET 40-8786 URANIUM RESOURCES, INC., RICHARDSON, TX**

9002010144 Informs of NRC concerns arising from 891117 response to NRC 891019 ltr re involvement of previous employees of Ogle Petroleum in licensee current licensed activities.Define specific actions taken to assure NRC confidence in future. MARTIN,R.D. Region 4, Ofc of the Director. 89/12/28. HIKMET,A. Uranerz USA, Inc. 2pp. 52531:063-52531:064.

**DOCKET 40-8801 WESTLAKE LANDFILL, NORTHBROOK, IL**

9002070335 Requests to be advised within 30 days of plans & schedule for consideration of options & selection of remedial action at West Lake Landfill. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. 90/02/02. RIFAKES,G. Cotter Corp. 2pp. 52586:241-52586:242.

**DOCKET 40-8820 AMAX, INC., GOLDEN, CO**

9001300400 Summary of 891206 meeting w/DOE & UNC Geotech in Rockville, MD re transfer of AMAX,Inc,West Virginia site to DOE under 151C of Natl Waste Policy Act.List of attendees provided. LAROCHE,G. Fuel Cycle Safety Branch. 89/12/08. SJOBLUM,G.L. Fuel Cycle Safety Branch. 1p. 52495:359-52495:359.

**DOCKET 40-8857 POWER RESOURCES, INC., GLENROCK, WY**

9002010081 Advises that transfer of Permit PT603 approved,effective 900109. SHAFFER,R., HEMMER,D. Wyoming, State of. 90/01/09. COOPER,P.G. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 2pp. 52541:173-52541:174.

9002010222 Application for amend to License SUA-1511 amending Condition 44 to allow more reasonable approach to incident reporting & provide more operating flexibility for facility.Fee paid. HILDENBRAND,P. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 90/01/12. HAWKINS,E.F. Uranium Recovery Field Ofc, R4. 2pp. 52514:301-52514:302.

**DOCKET 40-8902 ANACONDA MINERALS CO., GRANTS, NM**

## 8 DOCKETED ITEMS

**9002010316** Recommends that License SUA-1470 be amended to add Condition 35 to authorize disposal of byproduct waste in trenches constructed in main tailings pile & empty drums per decommissioning plan specified in Condition 31 of license. GARCIA,P.J., HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/18. Uranium Recovery Field Ofc, R4. 3pp. 52515:142-52515:144.

**9002010335** Forwards Amend 9 to License SUA-1470,adding Condition 35 to authorize byproduct waste disposal from Tucson Research Ctr. Solid waste will be disposed of in trenches constructed in main tailings pile. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/18. ZIEGLER,R.S. Atlantic Richfield Co. (ARCO). 3pp. 52521:300-52521:309.

**-9002010354** Amend 9 to License SUA-1470 for ARCO Coal Co,amending license to authorize disposal of byproduct waste from Tucson Research Ctr by adding Condition 35 to require that solid waste be disposed of in trenches in tailings pile. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/17. 7pp. 52521:303-52521:309.

**900220129** Forwards Radiation Safety Insp Rept 40-8902/90-01 on 900205. No violations noted. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/02/13. ZIEGLER,R.S. Atlantic Richfield Co. (ARCO). 2pp. 52696:043-52696:051.

**-900220135** Radiation Safety Insp Rept 40-8902/90-01 on 900205.No violations or deviations noted.Major areas inspected:mgt, organization & controls/operations review,operator training & retraining & radiation protection. KONWINSKI,G.R., GARCIA,P.J., HALL,R.E. Uranium Recovery Field Ofc, R4. 90/02/12. 7pp. 52696:045-52696:051.

### DOCKET 40-8903 HOMESTAKE MINING CO., GRANTS, NM

**9002120082** Ack receipt of 891122 response to NRC 891024 request to address listed unresolved groundwater issues & advises that licensee propose amend of existing point of compliance locations at downgradient edge of tailings impoundment. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/29. Homestake Mining Co. 3pp. 52631:111-52631:113.

**9002090093** Advises that licensee 890828 submittal of soil survey program at Milan Mill verifying control measures in effect to minimize blowing of tailings considered adequate for control measures. GARCIA,P.J. Uranium Recovery Field Ofc, R4. 90/01/31. Uranium Recovery Field Ofc, R4. 3pp. 52626:263-52626:265.

### DOCKET 40-8904 BP AMERICA, INC., CLEVELAND, OH

**9002010237** Responds to violations noted in Insp Rept 40-8904/89-03 on 890920. OSBORN,T.G. INTERA Technologies, Inc. 89/11/14. HALL,R. Uranium Recovery Field Ofc, R4. 6pp. 53122:158-53122:163.

**9002090362** Forwards listed items & plan of L-Bar piezometer & settlement gauge locations to accompany AK Geoconsult,Inc rept on settlement. OSBORN,T.G. INTERA Technologies, Inc. 90/01/22. JACOBY,D. Uranium Recovery Field Ofc, R4. 1p. 52614:300-52614:300.

**9002220199** Forwards Insp Rept 40-8904/90-01 on 900207.No violations or deviations noted. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/02/12. DELEONARDIS,R. BP America, Inc. 2pp. 52671:100-52671:105.

**-9002220201** Insp Rept 40-8904/90-01 on 900207.No violations or deviations noted.Major areas inspected:tailings reclamation & site decontamination,including independent field measurements utilizing gamma meter. KONWINSKI,G.R., HALL,R.E. Uranium Recovery Field Ofc, R4. 90/02/09. 4pp. 52671:102-52671:105.

### DOCKET 40-8905 QUIVIRA MINING CO., GRANTS, NM

**9002010332** Advises that vendor currently operating nine ion exchange columns to recover U from mine discharge waters w/six columns located at mill facility & other three at Section 35-36 water treatment facility.No units underground. FERDINAND,B. Quivira Mining Co. 90/01/09. HAWKINS,E.F. Uranium Recovery Field Ofc, R4. 1p. 52515:146-52515:146.

### DOCKET 40-8907 UNITED NUCLEAR CORP., SANTA FE, NM

**9001310100** Forwards "Groundwater Corrective Action," consisting of annual review 1989 (Part I of II) & performance monitoring data (Part II of II). VELASQUEZ,J.R. United Nuclear Corp. (subs. of UNC Resources, Inc.). 89/12/22. HALL,R.E. Uranium Recovery Field Ofc, R4. 1p. 52536:192-52537:098.

**-9001310108** "Groundwater Corrective Action," annual review 1989 (Part I of II). POPIELAK,R.S. Canonie Environmental Services, Inc. (subs. of Canonie, Inc.). 89/12/31. 150pp. 52536:193-52536:343.

**-9001310138** "Groundwater Corrective Action," performance monitoring data (Part II of II). \* Canonie Environmental Services, Inc. (subs. of Canonie, Inc.). 89/12/31. 115pp. 52536:344-52537:098.

**9002120195** Forwards "Windblown Tailings Cleanup Verification Rept." Approval from Navajo EPA received too late in yr to conduct cleanup & deferred as explained in licensee 891020 request for license amend. VELASQUEZ,J.R. United Nuclear Corp. (subs. of UNC Resources, Inc.). 89/12/21. HAWKINS,E. Uranium Recovery Field Ofc, R4. 47pp. 52615:131-52615:180.

**9002010122** Discusses review of licensee 890818 environ monitoring rept for First Half 1989. GARCIA,P.J., HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/18. Uranium Recovery Field Ofc, R4. 3pp. 52541:192-52541:194.

### DOCKET 40-8914 ENERGY, DEPT. OF, SCOVILLE, ID

**9002120204** Forwards proposed reclamation plan for Johnny M site,in response to NRC request during 891212 site visit.W/o encl. DREW,L.A. Hecla Mining Co. 89/12/22. JACOBY,D.L. Uranium Recovery Field Ofc, R4. 1p. 52617:255-52617:255.

### DOCKET 40-8926 ALTAIR RESOURCES, INC., CASPER, WY

**9002010293** Responds to NRC 891220 ltr & notice of violation re diversion of liner matl.Corrective actions:all radioactive contamination at site cleaned up & matls hauled to minerals exploration for disposal. SHAFFER,R. Wyoming, State of. 89/12/28. HALL,R.E. Uranium Recovery Field Ofc, R4. 3pp. 52505:093-52505:098.

**9002090100** Ack receipt of 891228 ltr informing NRC of steps taken to correct violation noted in Insp Rept 40-8926/89-02 & informs that license termination will be pursued pending results of soil analysis for site. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/26. Wyoming, State of. 2pp. 52614:035-52614:036.

### DOCKET 40-8948 SHIELDALLOY CORP., NEWFIELD, NJ

**9002050102** Final response to FOIA request for documents.App A,B & C records encl & also available in PDR.App D records available in PDR.App E documents partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/23. BEREZOFKY,E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & . 36pp. 52551:183-52551:250.

**-8710060126** License SMB-1507 for Shieldalloy Corp,Div of Metallurg,Inc, authorizing possession of U & thorium as contaminant in slag from previous alloy furnace operations. MCCANN,G.M. Region 3, Ofc of the Director. 87/05/27. 2pp. 52551:251-52551:252.

**-9002050158** Provides licensee concurrence in transfer of responsibility for decommissioning site at Cambridge,OH to Cambridge Alloys & Chemicals,Inc.Requests authorization to transfer onsite radwaste matl to same company. JACOBSON,R.N. Foote Mineral Co. 87/05/05. MCCANN,G.M. Region 3, Ofc of the Director. 1p. 52551:250-52551:250.

**-9002050173** Responds to 870505 ltr requesting consent to transfer possession of onsite radwaste matls from Foote Mineral Co to Shieldalloy Corp.Advises that License SMB-1507 issued to latter,License SMB-0850 retired & 870505 request granted. MCCANN,G.M. Region 3, Ofc of the Director. 87/06/09. JACOBSON,R.N. Foote Mineral Co. 1p. 52551:253-52551:253.

**-9002050190** Ack helpful advice in preparation of decontamination/ decommissioning plan.Forwards draft Document Ref G277-200/A as condition of License SMB-1507.Advises of 871026 meeting,subj to NRC confirmation, to discuss draft. HOLMERS,R.E. ENSR Consulting & Engineering (formerly ERT). 87/10/07. MCCANN,G.M. Region 3, Ofc of the Director. 10pp. 52551:254-52551:263.

**-9002050215** Advises of 880101 name change to Shieldalloy Metallurgical Corp & provides addl info to suppl previous submittal re plan for Cambridge,OH facility. CAMPBELL,G.T. Metallurg, Inc. 87/11/27. MCCANN,G.M. Region 3, Ofc of the Director. 1p. 52551:268-52551:300.

**-9002050228** Advises of transfer of official file for Shieldalloy Corp to NMSS,per 880518 discussion & request. MCCANN,G.M. Region 3, Ofc of the Director. 88/05/31. ROUSE,L.C. Fuel Cycle Safety Branch. 3p. 52551:304-52551:306.

**-9002050240** Trip rept of 891106 visit at Shieldalloy site at Cambridge, OH to observe Oak Ridge Associated Univ personnel during preliminary survey of site for decommissioning. GIBBONS,D.R. Region 3, Ofc of the Director. 89/11/30. SRINIAWSKI,D. Region 3, Ofc of the Director. 2pp. 52551:311-52551:312.

**-9002070268** Corrected License SMB-1507 for Shieldalloy Corp,authorizing possession of U & thorium as contaminant in slag from previous alloy furnace operations. MCCANN,G.M. Region 3, Ofc of the Director. 87/05/27. 3pp. 52553:069-52553:071.

**-9002070317** Forwards partially deleted licensee decontamination & decommissioning plan for Cambridge facility in compliance w/ Condition 14 of License SMB-1507.Subj plan provides for solution to situation that existed at plant in June 1987. CAMPBELL,G.T. Metallurg, Inc. 87/11/27. SWIFT,J.J. Fuel Cycle Safety Branch. 1p. 52553:312-52553:312.

**-9002070323** Partially withheld "Decontamination & Decommissioning Plan for Shieldalloy Cambridge,OH Plant." \* ENSR Consulting & Engineering (formerly ERT). 87/11/30. 222pp. 52553:313-52554:174.

### DOCKET 40-8958 URANERZ USA, INC., CASPER, WY

**9002010088** Requests that encl responses to land quality div comments be made part of company source matl license application & revised pages should be inserted into supportive info document included w/NRC application.W/one oversize figure. AKIN,H., CATCHPOLE,G.J. Uranerz USA, Inc. 89/12/18. HAWKINS,E. Uranium Recovery Field Ofc, R4. 115pp. 52523:347-52524:101.

**9002090099** Summary of 900125 meeting w/licensee in Region IV ofc re reliability of data & application matl submitted for NRC review. KONWINSKI,G.R. Uranium Recovery Field Ofc, R4. 90/01/31. Uranium Recovery Field Ofc, R4. 2pp. 52608:012-52608:013.

**DOCKET 40-8981 URANERZ USA, INC., CASPER, WY**

**9002010144** Informs of NRC concerns arising from 891117 response to NRC 891019 ltr re involvement of previous employees of Ogle Petroleum in licensee current licensed activities. Define specific actions taken to assure NRC confidence in future. MARTIN, R.D. Region 4, Ofc of the Director. 89/12/28. HIKMET, A. Uranerz USA, Inc. 2pp. 52531:063-52531:064.

**9002090099** Summary of 900125 meeting w/licensee in Region IV ofc re reliability of data & application matl submitted for NRC review. KONWINSKI, G.R. Uranium Recovery Field Ofc, R4. 90/01/31. Uranium Recovery Field Ofc, R4. 2pp. 52608:012-52608:013.

**DOMESTIC LICENSING OF PRODUCTION AND UTILIZATION FACILITIES****DOCKET 50-3 INDIAN POINT STATION, UNIT 1****P. Operating license stage documents & correspondence**

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**S. Reportable occurrences, LERs & related correspondence**

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint Instructions encl. HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**DOCKET 50-5 PENNSYLVANIA STATE UNIV. RESEARCH REACTOR****P. Operating license stage documents & correspondence**

**9002220283** Documents 900212 telcon re discrepancy w/conditions of Paragraph 2.B.(2) of License R-2 limiting enrichment of U used in reactor operation to less than 20%. Fission chambers exceed 20% enrichment. License amend will be submitted. VOTH, M.H. Pennsylvania State Univ., University Park, PA. 90/02/13. Document Control Branch (Document Control Desk). 1p. 52696:182-52696:182.

**V. Operator Examinations**

**9002090110** Requests ref mats in encl be provided for senior reactor operator licensing exam scheduled for wk of 900430. All completed license applications should be submitted at least 30 days before first exam dates. ESELGROTH, P.W. Region 1, Ofc of the Director. 90/01/31. HOSLER, C.L. Pennsylvania State Univ., University Park, PA. 11pp. 52615:047-52615:057.

**DOCKET 50-10 DRESDEN NUCLEAR POWER STATION, UNIT 1****F. Security, medical, emergency & fire protection plans**

**9002060149** Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations." CARSON, R.T., GILMAN, T.R. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

**9002060185** Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director." CARSON, R., GILMAN, T.R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

**9001300208** Advises that 891222 Rev 29 to security plan consistent w/provisions of 10CFR50.54(p) & acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52490:262-52490:263.

**9002150089** Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps. \* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

**P. Operating license stage documents & correspondence**

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220170** Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50.App B & acceptable. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52596:209.

**-8907270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**DOCKET 50-20 MASSACHUSETTS INSTITUTE OF TECHNOLOGY RESEARCH REACTOR****V. Operator Examinations**

**9002140164** Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by facility licensee, respectively. All applications for licenses to be submitted on revised forms by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. BERNARD, J.A. Massachusetts Institute of Technology, Cambridge, MA. 8pp. 52650:312-52650:319.



## 10 DOCKETED ITEMS

### DOCKET 50-27 WASHINGTON STATE UNIV. RESEARCH REACTOR (TRIGA)

#### P. Operating license stage documents & correspondence

**9001310235** Notifies that funds for conversion of univ reactor from highly enriched U to low enriched U will not be available during FY90, per 10CFR50.64(C)(2). WILSON, W.E. Washington State Univ., Pullman, WA. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52531:001-52531:002.

**9002010180** Forwards Amend 12 to License R-76 & safety evaluation. Amend changes max reactivity that may be inserted in pulse mode by expressing limits in terms of peak fuel temp & Paragraph 2.C.(1) of license re pulsing mode of operation. ADAMS, A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/23. WILSON, W.E. Washington State Univ., Pullman, WA. 3pp. 52515:161-52515:172.

**-9002010182** Amend 12 to License R-76, changing max reactivity that may be inserted in pulse mode by expressing limit in terms of peak fuel temp & revising Paragraph 2.C.(1) of license to include ref to pulsing mode of operation. WEISS, S.H. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/23. 6pp. 52515:164-52515:169.

**-9002010184** Safety evaluation supporting Amend 12 to License R-76.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 3pp. 52515:170-52515:172.

### DOCKET 50-29 YANKEE-ROWE NUCLEAR POWER STATION

#### F. Security, medical, emergency & fire protection plans

**9002070212** Forwards Safety Insp Rept 50-029/89-20 on 891107-900102 & notice of violation. JOHNSON, J.R. Region 1, Ofc of the Director. 90/01/26. ST LAURENT, N. Yankee Atomic Electric Co. 2pp. 52569:340-52570:002.

**-9002070217** Insp Rept 50-029/89-20 on 891107-900102. Violations noted. Major areas inspected: operational safety, security, plant operations, maint & surveillance, engineering support & actions on previous insp findings. BLOUGH, A.R. Region 1, Ofc of the Director. 90/01/26. 19pp. 52569:344-52570:002.

**9002130120** Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-029/89-03. GALLO, R.M. Region 1, Ofc of the Director. 90/02/01. KADAK, A.C. Yankee Atomic Electric Co. 2pp. 52646:053-52646:056.

**-9002130122** Responds to NRC 890823 ltr re violations noted in Insp Rept 50-029/89-03OL. Corrective actions: operating procedures ref by emergency operating procedures plus all abnormal operating procedures will be revised by 900228. STLAURENT, N.N. Yankee Atomic Electric Co. 90/01/05. GALLO, R.M. Region 1, Ofc of the Director. 2pp. 52646:055-52646:056.

#### P. Operating license stage documents & correspondence

**9002050241** Forwards Amend 129 to License DPR-3 & safety evaluation. Amend incorporates wording from Generic Ltr 84-13 into Tech Specs which allows removal of Table 3.7.4, such that tabular listing of snubbers deleted. SEARS, P.M. Project Directorate I-3. 90/01/23. PAPANIC, G. Yankee Atomic Electric Co. 4pp. 52548:001-52548:015.

**-9002050244** Amend 129 to License DPR-3, incorporating wording from Generic Ltr 84-13 into Tech Specs which allow removal of Table 3.7.4, such that tabular listing of snubbers deleted. WEISSMAN, R.H. Project Directorate I-3. 90/01/23. 8pp. 52548:005-52548:012.

**-9002050246** Safety evaluation supporting Amend 129 to License DPR-3.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 3pp. 52548:013-52548:015.

**9002060380** Notification of 900207 Significant Licensee Meeting 90-09 w/ util in Region 1 ofc re licensee presentation on plant life extension. BLOUGH, A.R. Region 1, Ofc of the Director. 90/01/24. Region 1, Ofc of the Director. 2pp. 52559:030-52559:031.

**9001310389** Forwards response to Generic Ltr 89-13 re routine insp & maint program for open-cycle svc water sys piping & components. Safety-related HXs will be operationally trended &/or cleaned & pumps included in inservice testing program. DEVINCENTIS, J. Yankee Atomic Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52512:193-52512:196.

**9002080028** Requests partial exemption from FY90 10CFR171 annual fee & that fee be limited to 19% of applicable fee. TRACY, H.T. Yankee Atomic Electric Co. 90/01/26. STELLO, V. Ofc of the Executive Director for Operations. 10pp. 52609:187-52609:203.

**9002070157** Requests stated addl info re CODAT computer code in order to continue review of YAE-1710, "Yankee Nuclear Power Station Pilot Evaluation Rept for Plant License Renewal." SEARS, P.M. Project Directorate I-3. 90/01/28. PAPANIC, G. Yankee Atomic Electric Co. 3pp. 52604:215-52604:217.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310228** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Util intends to revise procedure for refueling to add precaution which addresses use of intermediate fuel positioning. SCHULTZ, S.P. Yankee Atomic Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 3pp. 52511:176-52511:178.

**9001310389** Forwards response to Generic Ltr 89-13 re routine insp & maint program for open-cycle svc water sys piping & components. Safety-related HXs will be operationally trended &/or cleaned & pumps included in inservice testing program. DEVINCENTIS, J. Yankee Atomic Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52512:193-52512:196.

**9002070212** Forwards Safety Insp Rept 50-029/89-20 on 891107-900102 & notice of violation. JOHNSON, J.R. Region 1, Ofc of the Director. 90/01/26. ST LAURENT, N. Yankee Atomic Electric Co. 2pp. 52569:340-52570:002.

**-9002070216** Notice of violation from Insp on 891107-900102. Violation noted: licensee installed nonconforming commercial grade fasteners on charging pump strainers w/o required documentary evidence of conformance.  
\* Region 1, Ofc of the Director. 90/01/26. 2pp. 52569:342-52569:343.

**-9002070217** Insp Rept 50-029/89-20 on 891107-900102. Violations noted. Major areas inspected: operational safety, security, plant operations, maint & surveillance, engineering support & actions on previous insp findings. BLOUGH, A.R. Region 1, Ofc of the Director. 90/01/26. 19pp. 52569:344-52570:002.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130120** Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-029/89-03. GALLO, R.M. Region 1, Ofc of the Director. 90/02/01. KADAK, A.C. Yankee Atomic Electric Co. 2pp. 52646:053-52646:056.

**-9002130122** Responds to NRC 890823 ltr re violations noted in Insp Rept 50-029/89-03OL. Corrective actions: operating procedures ref by emergency operating procedures plus all abnormal operating procedures will be revised by 900228. STLAURENT, N.N. Yankee Atomic Electric Co. 90/01/05. GALLO, R.M. Region 1, Ofc of the Director. 2pp. 52646:055-52646:056.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### R. Periodic operating reports & related correspondence

**9002220254** Monthly operating rept for Jan 1990 for Yankee Atomic Power Station. W/ 900207 ltr. CARROLL, K., BERRY, R.L. Yankee Atomic Electric Co. 90/01/31. 6pp. 52674:145-52674:150.

#### V. Operator Examinations

**9002140282** Forwards revised Forms 398 & 396 re personal qualifications statement & certification of medical exam by facility licensee, respectively. All applications for licenses to be submitted on revised forms by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. KADAK, A.C. Yankee Atomic Electric Co. 8pp. 52653:247-52653:254.

**9002140080** Discusses generic fundamentals exam section of written operator licensing exam, per Generic Ltr 89-17. Exam section will consist of 100 multiple choice questions w/ passing score set at 80%. Registration form encl. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. KADAK, A.C. Yankee Atomic Electric Co. 8pp. 52655:102-52655:109.

**9002130120** Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-029/89-03. GALLO, R.M. Region 1, Ofc of the Director. 90/02/01. KADAK, A.C. Yankee Atomic Electric Co. 2pp. 52646:053-52646:056.

**-9002130122** Responds to NRC 890823 ltr re violations noted in Insp Rept 50-029/89-03OL. Corrective actions: operating procedures ref by emergency operating procedures plus all abnormal operating procedures will be revised by 900228. STLAURENT, N.N. Yankee Atomic Electric Co. 90/01/05. GALLO, R.M. Region 1, Ofc of the Director. 2pp. 52646:055-52646:056.

**DOCKET 50-54 CINTICHEM****Q. Inspection reports, IE Bulletins & correspondence**

**9001310435** Forwards Insp Repts 50-054/89-80 & 70-0687/89-80 on 891023-27 & notice of violation. NRC concerned that analytical measurements programs do not appear to be sufficiently controlled.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/01/23. MCGOVERN, J.J. Cintichem, Inc. 3pp. 52497:117-52497:169.

—**9001310438** Notice of violation from insp on 891023-27. Violations noted: four areas on floor had fixed alpha contamination action levels ranging from 8,000 to 24,000 dpm/100 cm<sup>2</sup> & were neither cleaned or labeled w/identification mark.  
\* Region 1, Ofc of the Director. 90/01/23. 3pp. 52497:120-52497:122.

—**9001310444** Insp Repts 50-054/89-80 & 70-0687/89-80 on 891023-27. Violations noted. Major areas inspected: hot lab & reactor operations, reactor experiments, radiation protection including contamination control & effluent monitoring.  
ROTH, J., COLLINS, D.J., COMFORT, G. Region 1, Ofc of the Director. 90/01/22. 47pp. 52497:123-52497:169.

**9002220104** EN-90-018:900213, order modifying licenses (effective immediately) issued to licensee. Action based on identification of unmonitored release of radioactively contaminated water from facility bldg to retention pond.  
JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/13. 1p. 52695:291-52695:291.

**V. Operator Examinations**

**9002140148** Discusses & forwards revised NRC Forms 396 & 398. All applications for licenses should be submitted on revised forms no later than 900201.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MCGOVERN, J.J. Cintichem, Inc. 8pp. 52651:310-52651:317.

**DOCKET 50-57 BUFFALO MATERIALS RESEARCH CENTER****P. Operating license stage documents & correspondence**

**9002230226** Notification of Significant Licensee Meeting 90-14 w/ licensee on 900220 in King of Prussia, PA to present proposed repairs to correct existing pool liner leak.  
MCCABE, E.C. Region 1, Ofc of the Director. 90/02/01. Region 1, Ofc of the Director. 2pp. 52714:249-52714:250.

**V. Operator Examinations**

**9002140152** Discusses & forwards revised NRC Form 396, certification of medical exam by facility licensee & NRC Form 398, personal qualifications statement - licensee.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. RENNIE, D.W. New York, State Univ. of, Buffalo, NY. 8pp. 52651:318-52651:325.

**DOCKET 50-77 CATHOLIC UNIV. OF AMERICA RESEARCH REACTOR****F. Security, medical, emergency & fire protection plans**

**9001310080** Forwards rev to security plan. Rev withheld.  
KEENE, W.E. Catholic Univ. of America, Washington, DC. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52503:096-52503:096.

**9002150272** Forwards replacement Page 13-15 to security plan. Encl withheld.  
KEENE, W.E. Catholic Univ. of America, Washington, DC. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52656:359-52656:359.

**DOCKET 50-83 UNIV. OF FLORIDA TRAINING REACTOR****Q. Inspection reports, IE Bulletins & correspondence**

**9001300065** Forwards notice of violation, inadvertently omitted during transmittal of Insp Rept 50-083/89-04.  
JULIAN, C.A. Region 1, Ofc of the Director. 90/01/04. VERNETSON, W.C. Florida, Univ. of, Gainesville, FL. 2pp. 52489:188-52489:190.

**9002080239** Ack receipt of 900112 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-083/89-04. Response meets requirements of 10CFR2.201.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/30. VERNETSON, W.C. Florida, Univ. of, Gainesville, FL. 2pp. 52589:028-52589:029.

**R. Periodic operating reports & related correspondence**

**9002140036** "Annual Progress Rept of Univ of Florida Training Reactor, Sept 1988 - Aug 1989." W/900207 ltr.  
VERNETSON, W.G., WHALEY, P.M. Florida, Univ. of, Gainesville, FL. ORO-4014-19. 89/08/31. 336pp. 52649:183-52650:158.

**DOCKET 50-89 GENERAL ATOMIC CO.****P. Operating license stage documents & correspondence**

**9002150069** Requests nonproprietary version of documents in response to 890908 & 1206 requests for withholding info under 10CFR2.790, within 30 days of receipt of ltr.  
ADAMS, A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/01. ASMUSSEN, K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 3pp. 52656:058-52656:060.

**DOCKET 50-97 CORNELL UNIV. ZERO POWER REACTOR****V. Operator Examinations**

**9002220717** Forwards revised NRC Forms 396 & 398, "Personal Qualification Statement" & "Certification of Medical Exam by Facility Licensee," respectively. Applications for licenses to be submitted on forms by 900201.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. STREET, W.B. Cornell Univ., Ithaca, NY. 8pp. 52689:043-52689:050.

**DOCKET 50-113 UNIV. OF ARIZONA RESEARCH REACTOR****F. Security, medical, emergency & fire protection plans**

**9002010193** Forwards Safeguards Insp Rept 50-113/89-01 on 891207-28. Violations noted. Rept withheld (ref 10CFR2.790(d)).  
PATE, R.J. Region 5, Ofc of the Director. 90/01/04. SMERDON, E.T. Arizona, Univ. of, Tucson, AZ. 2pp. 52530:295-52530:296.

**9002160085** Forwards Insp Rept 50-113/90-01 on 890109-11. No violations noted.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/01/26. SMERDON, E.T. Arizona, Univ. of, Tucson, AZ. 2pp. 52668:308-52668:318.

—**9002160088** Insp Rept 50-113/90-01 on 900109-11. No violations or deviations noted. Major areas inspected: reactor operations program, including health physics, emergency preparedness program & radioactive material transportation activities.  
CILLIS, M., CARSON, L.C., WENSLAWSKI, F.A. Region 5, Ofc of the Director. 90/01/26. 9pp. 52668:310-52668:318.

**J. Insurance & indemnity information**

**9002050003** Forwards executed Amend 11 to Indemnity Agreement E-14.  
NELSON, G.W. Arizona, Univ. of, Tucson, AZ. 90/01/22. DINITZ, I. NRC - No Detailed Affiliation Given. 3pp. 52542:097-52542:099.

**P. Operating license stage documents & correspondence**

**9002130147** Forwards univ 891109 internal memo advising that Univ of Arizona 1989 campus map, contained in SAR submitted in Oct 1988, does not constitute copyrighted material.  
NELSON, G.W. Arizona, Univ. of, Tucson, AZ. 89/11/20. MICHAELS, T.S. NRC - No Detailed Affiliation Given. 2pp. 52628:168-52628:169.

**Q. Inspection reports, IE Bulletins & correspondence**

**9002010193** Forwards Safeguards Insp Rept 50-113/89-01 on 891207-28. Violations noted. Rept withheld (ref 10CFR2.790(d)).  
PATE, R.J. Region 5, Ofc of the Director. 90/01/04. SMERDON, E.T. Arizona, Univ. of, Tucson, AZ. 2pp. 52530:295-52530:296.

**9002160085** Forwards Insp Rept 50-113/90-01 on 890109-11. No violations noted.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/01/26. SMERDON, E.T. Arizona, Univ. of, Tucson, AZ. 2pp. 52668:308-52668:318.

—**9002160088** Insp Rept 50-113/90-01 on 900109-11. No violations or deviations noted. Major areas inspected: reactor operations program, including health physics, emergency preparedness program & radioactive material transportation activities.  
CILLIS, M., CARSON, L.C., WENSLAWSKI, F.A. Region 5, Ofc of the Director. 90/01/26. 9pp. 52668:310-52668:318.

**DOCKET 50-116 IOWA STATE UNIV. RESEARCH REACTOR****P. Operating license stage documents & correspondence**

**9002120045** Forwards questions resulting from review of SAR for univ reactor, submitted in 891128 ltr re conversion from high to low enriched U. Info re mechanisms & likelihood of inadvertent flooding of each storage facility requested.  
MICHAELS, T.S. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/02. HENDRICKSON, R. Iowa State Univ., Ames, IA. 3pp. 52617:323-52617:325.

**DOCKET 50-123 UNIV. OF MISSOURI RESEARCH REACTOR-ROLLA****P. Operating license stage documents & correspondence**

**9002220597** Forwards request for addl info re 881116 application to convert licensee reactor to low enriched fuel in accordance w/10CFR50.64.  
ADAMS, A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/08. BOLON, A.E. Missouri, Univ. of, Rolla, MO. 5pp. 52696:237-52696:241.

**DOCKET 50-130 PATHFINDER ATOMIC PLANT****P. Operating license stage documents & correspondence**

**9002140064** Forwards Pathfinder Atomic Power Plant operating repts to support facility decommissioning proposal & State of MN rate increase proposal.  
MURRAY, M.J. Minnesota, State of. 90/02/09. JOHNSON, T.E. NRC - No Detailed Affiliation Given. 15pp. 52686:045-52686:195.

—**9002140071** "Six-Month Operating Rept 4 of Plant Operating Experience 671119-680519."  
\* Northern States Power Co. 68/05/19. 105pp. 52686:060-52686:164.

## 12 DOCKETED ITEMS

- 9002150035 "Pathfinder Generating Plant Final Status Rept."  
\* Northern States Power Co. 72/08/15. 133pp. 52686:165-52686:297.
- 9002150108 "Six-Month Period Rept 1 of Plant Operating Experience 660519-1119."  
\* Northern States Power Co. 66/11/19. 132pp. 52686:298-52687:069.
- 9002150111 "Six-Month Operating Rept 2 of Plant Operating Experience 661119-670519."  
\* Northern States Power Co. 67/05/19. 163pp. 52687:070-52687:232.
- 9002150114 "Six-Month Operating Rept 3 of Plant Operating Experience 670519-1119."  
\* Northern States Power Co. 67/11/19. 191pp. 52687:233-52688:063.
- 9002150116 "Six-Month Operating Rept 5 of Plant Operating Experience 680518-1119."  
\* Northern States Power Co. 68/11/19. 54pp. 52688:064-52688:117.
- 9002150118 "Six-Month Operating Rept 6 of Plant Operating Experience 681119-690519."  
\* Northern States Power Co. 69/05/19. 42pp. 52688:118-52688:159.
- 9002150121 "Six-Month Operating Rept 7 of Plant Operating Experience 690514-1114."  
\* Northern States Power Co. 69/11/14. 13pp. 52688:160-52688:172.
- 9002150124 "Six-Month Operating Rept 8 of Plant Operating Experience 691114-700514."  
\* Northern States Power Co. 70/05/14. 12pp. 52688:173-52688:184.
- 9002150125 "Six-Month Operating Rept 9 of Plant Operating Experience 700515-1114."  
\* Northern States Power Co. 70/11/14. 11pp. 52688:185-52688:195.

### R. Periodic operating reports & related correspondence

- 9002140064 Forwards Pathfinder Atomic Power Plant operating repts to support facility decommissioning proposal & State of MN rate increase proposal.  
MURRAY,M.J. Minnesota, State of. 90/02/09. JOHNSON,T.E. NRC - No Detailed Affiliation Given. 15pp. 52686:045-52686:195.
- 9002140071 "Six-Month Operating Rept 4 of Plant Operating Experience 671119-680519."  
\* Northern States Power Co. 68/05/19. 105pp. 52686:060-52686:164.
- 9002150108 "Six-Month Period Rept 1 of Plant Operating Experience 660519-1119."  
\* Northern States Power Co. 66/11/19. 132pp. 52686:298-52687:069.
- 9002150111 "Six-Month Operating Rept 2 of Plant Operating Experience 661119-670519."  
\* Northern States Power Co. 67/05/19. 163pp. 52687:070-52687:232.
- 9002150114 "Six-Month Operating Rept 3 of Plant Operating Experience 670519-1119."  
\* Northern States Power Co. 67/11/19. 191pp. 52687:233-52688:063.
- 9002150116 "Six-Month Operating Rept 5 of Plant Operating Experience 680518-1119."  
\* Northern States Power Co. 68/11/19. 54pp. 52688:064-52688:117.
- 9002150118 "Six-Month Operating Rept 6 of Plant Operating Experience 681119-690519."  
\* Northern States Power Co. 69/05/19. 42pp. 52688:118-52688:159.
- 9002150121 "Six-Month Operating Rept 7 of Plant Operating Experience 690514-1114."  
\* Northern States Power Co. 69/11/14. 13pp. 52688:160-52688:172.
- 9002150124 "Six-Month Operating Rept 8 of Plant Operating Experience 691114-700514."  
\* Northern States Power Co. 70/05/14. 12pp. 52688:173-52688:184.
- 9002150125 "Six-Month Operating Rept 9 of Plant Operating Experience 700515-1114."  
\* Northern States Power Co. 70/11/14. 11pp. 52688:185-52688:195.

### DOCKET 50-131 OMAHA VETERANS ADMINISTRATION HOSPITAL RESEARCH REACTOR

#### R. Periodic operating reports & related correspondence

- 9002160164 Annual 10CFR50.59 rept for 1989.Dial cord on retransmitting potentiometer broke & replaced & automatic power control taken out of svc to repair & replace tubes.  
TURCOTTE,R.L. Veterans Admin. Medical Center, Omaha, NE. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52658:163-52658:164.

### DOCKET 50-133 HUMBOLDT BAY POWER PLANT, UNIT 3

#### J. Insurance & Indemnity Information

- 9002220632 Forwards listed endorsements to listed policies & certificates,including Endorsements 69,39 & 117 to NELIA Policies NF-228,NF-103 & NF-113,respectively & Endorsements 6 to MAELU Policies MW-73 & MW-135.  
LOCKE,R.F. Pacific Gas & Electric Co. 90/02/07. DINITZ,I. NRC - No Detailed Affiliation Given. 13pp. 52689:140-52689:152.

#### P. Operating license stage documents & correspondence

- 9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

- 9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### DOCKET 50-134 WORCESTER POLYTECHNIC INSTITUTE RESEARCH REACTOR

#### V. Operator Examinations

- 9002140173 Discusses & forwards revised NRC Form 396,certification of medical exam by facility licensee & NRC Form 398,personal qualifications statement - licensee.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. NEWTON,T.H. Worcester Polytechnic Institute, Worcester, MA. 8pp. 52651:302-52651:309.

### DOCKET 50-139 UNIV. OF WASHINGTON RESEARCH REACTOR

#### R. Periodic operating reports & related correspondence

- 9002140098 Annual rept for 1989.W/900131 ltr.  
ROBIN,M.A. Washington, Univ. of, Seattle, WA. 89/12/31. 4pp. 52650:202-52650:205.

### DOCKET 50-146 SAXTON NUCLEAR EXPERIMENTAL FACILITY

#### J. Insurance & Indemnity Information

- 9002120130 Requests plant-specific amend to indemnity agreement,in place of general amend encl in NRC 891127 ltr.  
HEWARD,R.W. Saxton Nuclear Experimental Corp. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52626:359-52626:359.

#### P. Operating license stage documents & correspondence

- 9002080191 Notification of 900214 meeting w/licensee in Rockville,MD to discuss status of Saxton facility.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/01. WEISS,S.H. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 2pp. 52589:047-52589:048.

#### Q. Inspection reports, IE Bulletins & correspondence

- 9002080223 Forwards results of Insp of containment vessel sump water for Fourth Quarter 1989.Radiosotopic results indicated that concentration of Cs-137 exceeded 10CFR20,App B,Table II limits.  
HEWARD,R.W. Saxton Nuclear Experimental Corp. 90/01/31. Document Control Branch (Document Control Desk). 3pp. 52593:181-52593:183.

### DOCKET 50-148 UNIV. OF KANSAS RESEARCH REACTOR

#### Q. Inspection reports, IE Bulletins & correspondence

- 9002220445 Forwards Insp Rept 50-148/90-01 on 900119.No violations or deviations noted.No radiation above general background levels present at facility.Region will recommend to NRR that licensee be allowed to proceed w/const work.  
BEACH,A.B. Region 4, Ofc of the Director. 90/02/12. RAMALEY,J.A. Kansas, Univ. of, Lawrence, KS. 2pp. 52678:283-52678:289.

—9002220451 Insp Rept 50-148/90-01 on 900119. No violations & deviations noted. Major areas inspected: radiological conditions documented during licensee 891016 survey.  
BAER, R.E., MURRAY, B. Region 4, Ofc of the Director. 90/02/08. 5pp. 52678:285-52678:289.

#### DOCKET 50-155 BIG ROCK POINT NUCLEAR PLANT

##### F. Security, medical, emergency & fire protection plans

9002140055 Rev 114 to EIPs, including EPIP-1, EPIP-4A, EPIP-4G, EPIP-5F & EPIP-6J.  
HOBE, M.A. Consumers Power Co. 90/01/30. 59pp. 52653:335-52654:029.

9002150205 Rev 94 to Vol 9, "Site Emergency Plan."  
HOBE, M.A. Consumers Power Co. 90/02/05. 18pp. 52676:317-52676:334.

9002220384 Forwards safety evaluation discussing programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in response to procedures generation package dtd 861230.  
PULSIFER, R.M. Project Directorate III-1. 90/02/14. BERRY, K.W. Consumers Power Co. 3pp. 52673:081-52673:093.

##### P. Operating license stage documents & correspondence

9001310270 Forwards corrected Tech Spec Figures 4.1(a), 4.1(b) & 4.1(c) re reactor vessel pressure/temp limits, per 900110 request & 900116 telcon.  
EDDY, J.D. Consumers Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52511:179-52511:184.

—9001310276 Corrected Tech Spec Figures 4.1(a), (b) & (c) re reactor vessel pressure/temp limits.  
\* Consumers Power Co. 90/01/23. 4pp. 52511:181-52511:184.

9001310499 Ack receipt of 891111 petition requesting Commission to order util to meet design & safety criteria of NRC.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/24. BEEMON, J.A. Concerned Citizens for the Charlevoix Area. 2pp. 52498:060-52498:070.

—9001310503 Notice of receipt of petition for director's decision under 10CFR2.206, requiring util to meet all current NRC design & safety criteria.  
GILLESPIE, F.P. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/24. 3pp. 52498:062-52498:070.

9002060103 Forwards 900124 ltr from Director of NRR to president of Concerned Citizens for Charlevoix Area, ack receipt of petition filed under 10CFR2.206 & states that petition treated under 10CFR2.206 of Commission regulations.  
PULSIFER, R.M. Division of Reactor Projects - II, IV, V & Special Projects (Post 870411). 90/01/26. BERRY, K.W. Consumers Power Co. 3pp. 52557:008-52557:013.

9002120119 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Responsibility for post-accident, long-term cooling primarily relegated to post-incident sys & interfacing support sys.  
BERRY, K.W. Consumers Power Co. 90/01/29. Document Control Branch (Document Control Desk). 13pp. 52615:117-52615:129.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120268 Responds to 900115 ltr to Carr, supporting 891111 petition by Concerned Citizens for Charlevoix Area re plant. Ack ltr dtd 900124 stating that review of concerns in petition did not indicate any need for immediate action encl.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. SCOTT, D.S. Affiliation Not Assigned. 4pp. 52630:160-52630:171.

—9002120273 Supports Concerned Citizens for Charlevoix Area ltr of intervention filed w/NRC re plant & requests review of ltr to protect ecological region surrounding dangerous & inefficient power plant.  
SCOTT, D.S. Affiliation Not Assigned. 90/01/15. CARR, K. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52630:164-52630:165.

—9002120276 Petitions NRC to immediately order CPC to update & retrofit plant to meet current safety design & radioactive effluent criteria & requests that NRC prohibit continued operation until objectives met.  
BEEMON, J.A. Concerned Citizens for the Charlevoix Area. 89/11/11. CARR, K. Office of Nuclear Reactor Regulation, Director (Post 870411). 6pp. 52630:166-52630:171.

9002150354 Notification of 900227 meeting w/util in Rockville, MD to discuss simulator facility plan.  
PULSIFER, R.M. Project Directorate III-1. 90/02/08. THOMA, J.O. Project Directorate III-1. 3pp. 52656:107-52656:109.

9002220195 Provides util interpretation of plant Tech Spec Section 6.2.2 re control rod withdrawal interlock operability. To permit drive movement, temporary jumper placed in control rod withdrawal permissive circuit to inhibit rod block.  
EDDY, J.D. Consumers Power Co. 90/02/13. Document Control Branch (Document Control Desk). 3pp. 52698:052-52698:054.

9002220384 Forwards safety evaluation discussing programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in response to procedures generation package dtd 861230.  
PULSIFER, R.M. Project Directorate III-1. 90/02/14. BERRY, K.W. Consumers Power Co. 3pp. 52673:081-52673:093.

—9002220440 SER concluding that procedures generation package dtd 861230 should be reviewed to address programmatic improvements to flowchart format & logic terms in writers guide.  
\* NRC - No Detailed Affiliation Given. 90/02/14. 10pp. 52673:084-52673:093.

##### Q. Inspection reports, IE Bulletins & correspondence

9001310132 Forwards Safety Insp Rept 50-155/89-19 on 891129-1231. No violations noted.  
AXELSON, W.L. Region 3, Ofc of the Director. 90/01/10. HOFFMAN, D.P. Consumers Power Co. 2pp. 52503:255-52503:264.

—9001310134 Insp Rept 50-155/89-19 on 891129-1231. No violations noted. Major areas inspected: mgt meeting, evaluation of licensee QA program implementation & self-assessment capability, maint & surveillance activities & offgas isolation sys.  
DEFAYETTE, R.W. Region 3, Ofc of the Director. 90/01/10. 8pp. 52503:257-52503:264.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Mat'l Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Mat'l Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

##### R. Periodic operating reports & related correspondence

9002150072 Monthly operating rept for Jan 1990 for Big Rock Point Nuclear Plant. LW/900201 ltr.  
JOHNSTON, J.R., ELWARD, T.W. Consumers Power Co. 90/01/31. 5pp. 52675:126-52675:130.

#### DOCKET 50-156 UNIV. OF WISCONSIN RESEARCH REACTOR

##### P. Operating license stage documents & correspondence

9002200112 Advises that encl DOE 890109 ltr informs that funding for conversion to low enrichment fuel will not be available in FY90. Notification per 10CFR50.64C.  
CASHWELL, R.J. Wisconsin, Univ. of, Madison, WI. 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52526:172-52526:173.

#### DOCKET 50-157 CORNELL UNIV. RESEARCH REACTOR

##### V. Operator Examinations

9002220717 Forwards revised NRC Forms 396 & 398, "Personal Qualification Statement" & "Certification of Medical Exam by Facility Licensee," respectively. Applications for licenses to be submitted on forms by 900201.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. STREETT, W.B. Cornell Univ., Ithaca, NY. 8pp. 52689:043-52689:050.

#### DOCKET 50-160 GEORGIA INSTITUTE OF TECHNOLOGY RESEARCH REACTOR

##### F. Security, medical, emergency & fire protection plans

9001290057 Forwards mod to security plan. Mod withheld (ref 10CFR2.790(d)).  
KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 90/01/03. MCKNIGHT, J. Document Control Branch (Document Control Desk). 1p. 52454:132-52454:132.

9002050071 Discusses review of licensee denial of violations noted in Insp Rept 50-160/89-05. Concludes that violations occurred as stated in notice & written reply requested clarifying apparent inaccuracies.  
STOHR, J.P. Region 2, Ofc of the Director. 90/01/08. KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 3pp. 52548:267-52548:269.



## 14 DOCKETED ITEMS

9002060093 Confirms understanding that licensee will submit 10CFR50.54(p) changes to physical security plan which describe upgrades per recommendations in LA-CP-87-27 re nonpower reactor sabotage study within 30 days.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/29. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 3pp. 52556:189-52556:191.

### Q. Inspection reports, IE Bulletins & correspondence

9002050071 Discusses review of licensee denial of violations noted in Insp Rept 50-160/89-05. Concludes that violations occurred as stated in notice & written reply requested clarifying apparent inaccuracies.  
STOHR,J.P. Region 2, Ofc of the Director. 90/01/08. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 3pp. 52548:267-52548:269.

9001310125 Ack receipt of 900106 response informing NRC of steps taken to correct violations noted in Insp Rept 50-160/89-02.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/23. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 2pp. 52503:273-52503:274.

9002140021 Forwards addl response to violations noted in Insp Rept 50-160/89-05. Encl withheld (ref 10CFR2.790(d)).  
KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 90/02/09. Document Control Branch (Document Control Desk). 1p. 52655:343-52655:343.

## DOCKET 50-166 UNIV. OF MARYLAND RESEARCH REACTOR

### F. Security, medical, emergency & fire protection plans

9001300122 Forwards Insp Rept 50-166/89-01 on 891120-21. No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/12. DIETER,G.E. Maryland, Univ. of, College Park, MD. 2pp. 52492:334-52492:341.

-9001300130 Insp Rept 50-166/89-01 on 891120-21. No violations noted. Major areas inspected: nuclear matl control & accounting & physical security, including organization & operation, storage & internal controls, inventory, records & repts.  
DELLA RATTI,A., OLSEN,W., KEIMIG,R.R. Region 1, Ofc of the Director. 90/01/12. 6pp. 52492:336-52492:341.

### Q. Inspection reports, IE Bulletins & correspondence

9001300122 Forwards Insp Rept 50-166/89-01 on 891120-21. No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/12. DIETER,G.E. Maryland, Univ. of, College Park, MD. 2pp. 52492:334-52492:341.

-9001300130 Insp Rept 50-166/89-01 on 891120-21. No violations noted. Major areas inspected: nuclear matl control & accounting & physical security, including organization & operation, storage & internal controls, inventory, records & repts.  
DELLA RATTI,A., OLSEN,W., KEIMIG,R.R. Region 1, Ofc of the Director. 90/01/12. 6pp. 52492:336-52492:341.

### V. Operator Examinations

9002140146 Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by facility licensee, respectively. All applications for licenses to be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. DIETER,G.E. Maryland, Univ. of, College Park, MD. 8pp. 52650:191-52650:198.

## DOCKET 50-170 ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE

### V. Operator Examinations

9002150233 Forwards revised NRC Forms 398 & 396 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. IRVING,G. Armed Forces Radiobiological Research Institute. 8pp. 52656:079-52656:086.

## DOCKET 50-171 PEACH BOTTOM ATOMIC POWER STATION, UNIT 1

### H. General correspondence

9002130133 Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions: policy statement. Util uncertain as to whether changes necessary.  
HUNGER,G.A. Philadelphia Electric Co. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52617:355-52617:356.

### J. Insurance & Indemnity Information

9001310515 Forwards executed Amend 22 to Indemnity Agreement B-28.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/24. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52498:157-52498:160.

### P. Operating license stage documents & correspondence

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

## DOCKET 50-184 NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY REACTOR

### F. Security, medical, emergency & fire protection plans

9002060374 Discusses 900122 telcon w/T Raby & D Carlson re upgrading of reactor facility, per recommendations contained in 1987 "Nonpower Reactor Sabotage Study (U)." LA-CP-87-27. OMB clearance not required under P.L. 96-511.  
MICHAELS,T.S. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/29. ROWE,J.M. Maryland, State of. 3pp. 52558:065-52558:067.

### P. Operating license stage documents & correspondence

9002220154 Advises that funding for conversion of NIST reactor to low enriched U fuel unavailable, per encl DOE 900206 ltr. Schedule for conversion of NIST reactor to low enriched U cannot be submitted.  
ROWE,J.M. National Institute of Standards & Technology (formerly National Bureau of Standards). 90/02/14. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52696:055-52696:056.

### V. Operator Examinations

9002140176 Forwards revised NRC Forms 398 & 396 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. ROWE,J.M. National Institute of Standards & Technology (formerly National Bureau of Standards). 8pp. 52656:001-52656:008.

## DOCKET 50-186 UNIV. OF MISSOURI RESEARCH REACTOR-COLUMBIA

### F. Security, medical, emergency & fire protection plans

9002020079 Advises that 891208 changes to emergency plan for facility consistent w/ 10CFR50.54(q) & acceptable.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/25. MORRIS,J.S. Missouri, Univ. of, Columbia, MO. 3pp. 52539:256-52539:258.

9002070147 Confirms NRC understanding that univ will submit 10CFR50.54(p) changes to physical security plan, consisting of upgrades per LA-CP-87-27, "Nonpower Reactor Sabotage Study" within 45 days of ltr receipt.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/01. MORRIS,J.S. Missouri, Univ. of, Columbia, MO. 2pp. 52587:183-52587:184.

### P. Operating license stage documents & correspondence

9002020024 Forwards request for addl info re 891226 application for amend to License R-103, for response within 30 days of ltr date.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/25. MORRIS,J.S. Missouri, Univ. of, Columbia, MO. 4pp. 52529:356-52529:360.

**Q. Inspection reports, IE Bulletins & correspondence**

**9002080072** Ack receipt of 890907 & 1207 ltrs clarifying understanding of commitments made during 890820 mgt meeting & concurs w/ goal to formalize & implement proposed changes to ALARA program by 900331.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/01/25. MORRIS,J.S. Missouri, Univ. of, Columbia, MO. 1p. 52594:027-52594:027.

**DOCKET 50-193 RHODE ISLAND & PROVIDENCE PLANTATIONS AEC****F. Security, medical, emergency & fire protection plans**

**9002090159** Understands that licensee will submit 10CFR50.54(p) changes to physical security plan within 45 days of ltr receipt, along w/proposed schedule of implementation,per 900131 telcon.  
MICHAEL,S.T.S. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/01. DIMEGLIO,A.F. Rhode Island, State of. 3pp. 52599:187-52599:189.

**V. Operator Examinations**

**9002140157** Forwards revised NRC Forms 396 & 398 re certifications of medical exam by facility licensee & personal qualifications statement,respectively.All applications for licenses should be submitted on revised forms no later than 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. DIMEGLIO,A.F. Rhode Island, State of. 8pp. 52650:167-52650:174.

**DOCKET 50-199 MANHATTAN COLLEGE RESEARCH REACTOR****V. Operator Examinations**

**9002140168** Discusses & forwards revised NRC Form 396,certification of medical exam by facility licensee & NRC Form 398,personal qualifications statement - licensee.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. BERLIN,R.E. Manhattan College, Riverdale, NY. 8pp. 52651:294-52651:301.

**DOCKET 50-206 SAN ONOFRE NUCLEAR STATION, UNIT 1****F. Security, medical, emergency & fire protection plans**

**9002130314** Rev 3 to emergency plan, "Table of Contents," "List of Figures" & "List of Apps."  
\* Southern California Edison Co. 89/11/03. 6pp. 52647:113-52647:118.

**9002080104** Forwards Rev 8 to security force training & qualification plan.W/o encl.  
KRIEGER,R.W. Southern California Edison Co. 89/12/21. Document Control Branch (Document Control Desk). 1p. 52559:002-52559:002.

**9001310427** Rev 2.02 to "San Onofre Nuclear Generating Station Manual of Emergency Events."  
BELLIS,K.M. Southern California Edison Co. 90/01/04. 67pp. 52514:105-52514:172.

**9001290020** Forwards Rev 26 to physical security plan.Rev withheld (ref 10CFR73.21).  
MORGAN,H.E. Southern California Edison Co. 90/01/10. Document Control Branch (Document Control Desk). 1p. 52454:128-52454:128.

**9002020107** Requests exemption from updating requirements of 10CFR50.71(e) for Rev 6 to updated fire hazards analysis & Rev 6 to updated FSAR.Due to large number of ongoing activities,submittal of revs delayed until 900330.  
ROSENBLUM,R.M. Southern California Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52526:165-52526:166.

**9002060250** Forwards Safeguards Insp Repts 50-206/90-03,50-361/90-03 & 50-362/90-03 on 900108-19 & notice of violation. Determination on 900111 that item identified as vital area outside of area noted.Encls withheld (ref 10CFR2.790(d)).  
PATE,R.J. Region 5, Ofc of the Director. 90/01/29. RAY,H.B. Southern California Edison Co. 3pp. 52560:035-52560:037.

**9002060264** Expresses appreciation for participation in Emergency Response Data Sys.Requests that encl survey & data point library ref file be completed for each unit reactor.  
JOLICOEUR,J.R. Incident Response Branch. 90/01/30. WALDO,R. Southern California Edison Co. 75pp. 52569:076-52569:151.

**9002220265** Revised EIPs,including Revs 4 to SO123-VIII-0.1 & SO123-VIII-0.301 & Change 2-1 to Rev 2 to SO123-VIII-0.202.  
PLAPPERT,R.D. Southern California Edison Co. 90/02/07. 92pp. 52688:196-52688:287.

**9002220304** Forwards Rev 6 to "Updated Fire Hazards Analysis,San Onofre Nuclear Generating Station."  
RAY,H.B. Southern California Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 1p. 52692:040-52694:186.

**-9002220308** Rev 6 to "Updated Fire Hazards Analysis,San Onofre Nuclear Generating Station,Units 1,2 & 3."  
\* Southern California Edison Co. 90/02/28. 866pp. 52692:041-52694:186.

**H. General correspondence**

**9001290112** Forwards 900102 order approving until 891002 request to revise installation data for reactor vessel water level instrument.  
TRAMMELL,C.M. Project Directorate V. 90/01/19. GEISMAR,B. Affiliation Not Assigned. 2pp. 52454:094-52454:104.

**P. Operating license stage documents & correspondence**

**9001290197** Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets.Suggested considerations for program attribute definition & training needs for sys engineers listed.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

**9002020107** Requests exemption from updating requirements of 10CFR50.71(e) for Rev 6 to updated fire hazards analysis & Rev 6 to updated FSAR.Due to large number of ongoing activities,submittal of revs delayed until 900330.  
ROSENBLUM,R.M. Southern California Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52526:165-52526:166.

**9002090039** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util developing programs to implement recommended Actions 1 through V & providing schedule of plans for implementation of actions.  
ROSENBLUM,R.M. Southern California Edison Co. 90/01/26. MARTIN,J.B. Region 5, Ofc of the Director. 4pp. 52599:182-52599:185.

**9002060342** Requests withdrawal as record counsel in matter of Southern California Edison & San Diego Gas & Electric companies.  
MELLOR,M.L. Thelen, Marrin, Johnson & Bridges. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52559:179-52559:179.

**9001310275** Provides revised schedule for submittal of amend application to revise overpressure mitigation sys Tech Specs covering heatup & cooldown curves & assumed flow capacity of PORVs. Amend application delayed from 900131 to 900330.  
NANDY,F.R. Southern California Edison Co. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52503:280-52503:281.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002070183** Informs that util response to Generic Ltr 88-14, "Instrument Air Supply Sys Problems Affecting Safety-Related Equipment," will be submitted by 900316.Open item resolved.  
NANDY,F.R. Southern California Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52598:345-52598:345.

**9002090221** Summary of Tech Spec Working Group 5th meeting on 900118-19 w/listed participants,including BNL,PG&E & EPRI re issues associated w/development of risk-based Tech Specs/plant configuration control pilot program.List of attendees encl.  
WOHL,M.L. Technical Specifications Branch. 90/02/02. CALVO,J.A. Technical Specifications Branch. 37pp. 52626:046-52626:082.

**9002140020** Requests addl time to provide proposed Tech Spec change re 480-volt sys mods for facility.  
NANDY,F.R. Southern California Edison Co. 90/02/06. Document Control Branch (Document Control Desk). 1p. 52653:170-52653:170.

**9002220150** Forwards addl info re repair of intake structure at facility including responses to NRC questions on current status & adequacies per 891106 request.  
ROSENBLUM,R.M. Southern California Edison Co. 90/02/12. Document Control Branch (Document Control Desk). 39pp. 52678:098-52678:136.

**9002230079** Requests results of Westinghouse analysis in order to complete review of 880129 ATWS submittal.Any other generic design assumptions re ATWS rule not applicable to facility & resolution of any discrepancies should also be identified.  
TATUM,J.E. Project Directorate V. 90/02/13. RAY,H.B. Southern California Edison Co. 3pp. 52709:290-52709:292.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010389** Ack receipt of 900108 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-206/89-25, 50-361/89-28 & 50-362/89-28.  
YUHAS,G.P. Region 5, Ofc of the Director. 90/01/22. RAY,H.B. Southern California Edison Co. 1p. 52505:029-52505:035.

**9001310380** Responds to NRC 891226 ltr re violations noted in Insp Rept 50-206/89-31.Corrective actions:failed solenoid analyzed to determine nature of thin,hard film between solenoid slug & housing which had caused failure.  
RAY,H.B. Southern California Edison Co. 90/01/25. Document Control Branch (Document Control Desk). 6pp. 52513:259-52513:264.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060250** Forwards Safeguards Insp Repts 50-206/90-03,50-361/90-03 & 50-362/90-03 on 900108-19 & notice of violation. Determination on 900111 that item identified as vital area outside of area noted.Encls withheld (ref 10CFR2.790(d)).  
PATE,R.J. Region 5, Ofc of the Director. 90/01/29. RAY,H.B. Southern California Edison Co. 3pp. 52560:035-52560:037.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

## 16 DOCKETED ITEMS

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 5pp. 52533:329-52534:062.

**9002070475** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin Refueling Operations." Procedural changes, personnel training & refueling cycle analysis have been used to ensure achievement of full compliance w/bulletin. NANDY,F.R. Southern California Edison Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52570:088-52570:089.

**9002070476** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valves or Valves of Similar Design." NANDY,F.R. Southern California Edison Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52570:187-52570:188.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 7pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 7pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matts Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160023** Advises that util 880822,890615 & 900117 responses to NRC Bulletin 88-003, "Inadequate Latch Engagement in HFA Type Latching Relays Mfg by GE," considered complete. KOKAJKO,L.E. Project Directorate V. 90/02/05. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. 3pp. 52703:171-52703:173.

**9002160107** Requests addl info re 880726,890105 & 1215 responses to NRC Bulletin 88-004, "Potential Safety-Related Pump Loss," including verification of adequacy of mini-flow recirculation w/pump suppliers. Info requested in 30 days. TATUM,J.E. Project Directorate V. 90/02/06. RAY,H.B. Southern California Edison Co. 3pp. 52657:338-52657:340.

**9002130194** Partial response to FOIA request App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### S. Reportable occurrences, LERs & related correspondence

**9001300238** Followup rept:during Dec 1989, fire doors found inoperable during routine surveillances. Two latching mechanism failures & one closure failure for Unit 1 & 19 latching mechanism failures & 14 closure failures for Units 2 & 3 noted. NANDY,F.R. Southern California Edison Co. 90/01/16. MARTIN,J.B. Region 5, Ofc of the Director. 5pp. 52493:031-52493:035.

**9002050096** Provides followup rept for Tech Spec fire-rated assemblies found inoperable during Dec 1989 routine surveillances & informs that Unit 1 fire doors found inoperable during surveillances now included in rept following implementation. NANDY,F.R. Southern California Edison Co. 90/01/16. MARTIN,J.B. Region 5, Ofc of the Director. 5pp. 52548:171-52548:175.

**9002010215** LER 89-029-00: on 891222, determined that filter on refueling water storage tank recirculation line could fail during seismic event. Caused by engineering deficiencies noted in 881003 submittal. Filter pump sys upgraded. W/900122 ltr. MORGAN,H.E. Southern California Edison Co. 90/01/22. 10pp. 52550:064-52550:073.

**9002080382** LER 89-030-00: on 891228, determined that previous evaluations of post-loss of cooling accident ECCS recirculation flow incorrectly credited. Caused by programmatic weaknesses noted in util 881003 submittal. Valve closed. W/900126 ltr. MORGAN,H.E. Southern California Edison Co. 90/01/26. 10pp. 52590:006-52590:015.

**9002070120** LER 89-031-00: on 891228, determined that auxiliary feedwater could produce flow rate exceeding water hammer design basis max. Apparently caused by error in modeling turbine driven pump. Worker placed at control room panel. W/900129 ltr. MORGAN,H.E. Southern California Edison Co. 90/01/29. 8pp. 52590:094-52590:101.

**9002130271** LER 89-032-00: on 890103, discovered that Tech Spec 18-month insp of former security uninterruptible power supply battery D-20 not performed following installation of temporary mod. Mod procedure enhanced. W/900201 ltr. MORGAN,H.E. Southern California Edison Co. 90/02/01. 6pp. 52637:001-52637:006.

**9002150268** Part 21 rept re potential of ambient compensated molded case circuit breaker performance to deviate from published info. Appropriate customers informed of original potential substantial safety hazard notification & listed correction. JOHNSON,W.J. Westinghouse Electric Corp. 90/02/06. MURLEY,T.E. Document Control Branch (Document Control Desk). 2pp. 52668:239-52668:240.

**9002220118** Explains late submittal of special 30-day rept required by Tech Spec 3.18.2, Action B.1. Personnel incorrectly interpreted Tech Spec requirement to apply only if change involved new location. ROSENBLUM,R.M. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52678:265-52678:266.

## DOCKET 50-213 HADDAM NECK PLANT

### F. Security, medical, emergency & fire protection plans

**9002150194** Temporary Procedure Change 90-017 to Rev 19 to EPIP 1.5-1, "Emergency Assessment." MCCANCE,W.T. Connecticut Yankee Atomic Power Co. 90/01/16. 3pp. 52656:045-52656:047.

**9001310007** Forwards Safety Insp Rept 50-213/89-24 on 891122-900108. WENZINGER,E.C. Region 1, Ofc of the Director. 90/01/17. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp. 52497:224-52497:236.

**-9001310008** Safety Insp Rept 50-213/89-24 on 891122-900108. Major areas inspected: reconstitution of fuel assemblies, work conducted on reactor vessel thermal shield removal & mishandling of fire arms by security force personnel. HAVERKAMP,D.R. Region 1, Ofc of the Director. 90/01/16. 11pp. 52497:226-52497:236.

**9001300132** Forwards Rev 1 to "10CFR50, App R Compliance Review." Rev reflects results of Westinghouse svc water/component cooling water sys analyses & ventilation study. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52482:001-52482:241.

**-9001300134** Rev 1 to "10CFR50, App R Compliance Review." \* Connecticut Yankee Atomic Power Co. 90/01/31. 200pp. 52482:003-52482:241.

**9001290084** Forwards request for addl info re conformance w/Sections III.G & III.L of 10CFR50, App R for post-fire safe alternate shutdown capability. Response requested within 60 days of ltr receipt. WANG,A.B. Project Directorate I-4. 90/01/22. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 4pp. 52454:119-52454:122.

**9002020057** Forwards safety evaluation accepting proposed electrical sys changes for fire protection per 10CFR50, App R. Conclusion based on approval of exemption request re App R & commitment to provide Reg Guide 1.75 compliance review. WANG,A.B. Project Directorate I-4. 90/01/22. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp. 52533:157-52533:181.

**-9002020061** Safety evaluation accepting proposed electrical sys changes for fire protection. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/22. 23pp. 52533:159-52533:181.

**9002010183** Responds to NRC 891212 ltr re violations noted in Insp Rept 50-213/89-22 re health physics training requirement. Violation contested based on NRC misinterpretation of Tech Spec 6.4.1 re training/replacement training program. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/24. BELLAMY,R.R. Region 1, Ofc of the Director. 23pp. 52515:173-52515:195.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52528:096-52528:146.

**9002140110** Informs that addendum to CRDR summary rept will be submitted 30 days after startup from current outage or approx 900530. Addendum will describe 10CFR50, App R mods outside control room. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52668:110-52668:111.

**900220341** Formalizes 900206 requests made during telcon between G Buchard & B Norris re planned insp of emergency operating procedures & requests that plant-ref simulator be made available for evaluation of effectiveness of procedures. GALLO,R.M. Region 1, Ofc of the Director. 90/02/07. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 4pp. 52695:271-52695:274.

### H. General correspondence

**9002080209** Comment opposing proposed rule 10CFR170, "Rev of FY90 Fee Schedules: Radiolotope Licenses & Topical Rept." MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/31. Docketing & Services Branch. 3pp. 52567:131-52567:133.

**9002080232** Comment opposing proposed rule 10CFR2 re mod to enforcement policy allowing escalation in civil penalties for violations of NRC requirements where root cause involves programmatic maint-related implications. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/02/05. Docketing & Services Branch. 3pp. 52567:101-52567:103.

**9002150151** Advises of changes to util distribution lists for correspondence from NRC due to organizational title changes. Revs to distribution list encl. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/02/08. Document Control Branch (Document Control Desk). 9pp. 52677:069-52677:077.

**9002220016** Comment opposing rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Low specific activity packages should be exempted from proposed IAEA Safety Series 6, as revised in 1986 changes. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/02/09. Docketing & Services Branch. 11pp. 52658:341-52658:351.

**P. Operating license stage documents & correspondence**

**9001300132** Forwards Rev 1 to "10CFR50, App R Compliance Review." Rev reflects results of Westinghouse svc water/component cooling water sys analyses & ventilation study.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Utilities. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52482:001-52482:241.

—**9001300134** Rev 1 to "10CFR50, App R Compliance Review."  
\* Connecticut Yankee Atomic Power Co. 90/01/31. 200pp. 52482:003-52482:241.

**9002020099** Forwards safety evaluation re util emergency response capability for conformance to Reg Guide 1.97, Rev 2. Instrumentation acceptable except flow in HPIS & quench tank temp.  
WANG, A.B. Project Directorate I-4. 90/01/18. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52541:266-52541:275.

—**9002020101** Safety evaluation accepting instrumentation in Reg Guide 1.97, except flow in HPIS, LPIS, quench tank temp, steam generator pressure & heat removal by containment heat removal sys.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/18. 6pp. 52541:270-52541:275.

—**8911160269** Rev 1 to "Conformance to Reg Guide 1.97: Haddam Neck." informal rept. UDY, A.C. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN A-6483. EGG-EA-6942 R01. 87/11/30. NRC - No Detailed Affiliation Given. 22pp. 52541:276-52541:298.

**9002020057** Forwards safety evaluation accepting proposed electrical sys changes for fire protection per 10CFR50, App R. Conclusion based on approval of exemption request re App R & commitment to provide Reg Guide 1.75 compliance review.  
WANG, A.B. Project Directorate I-4. 90/01/22. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 52533:157-52533:181.

—**9002020061** Safety evaluation accepting proposed electrical sys changes for fire protection.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/22. 23pp. 52533:159-52533:181.

**9002020243** Submits revised schedule to resolve USI A-46 re generic implementation procedures developed by Seismic Qualification Util Group. If final NRC SER issued during First Quarter 1990 walkdowns could be done during second refueling outage.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52539:266-52539:268.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Utilities. 90/01/25. RUSSELL, W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9002090246** Informs of plans to resolve problems experienced during last two summers w/high svc water temps slightly above 90 F. Proposed license amend requests will be submitted limiting UHS temps for Haddam Neck & Millstone Unit 2.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Utilities. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52599:083-52599:084.

**9002140110** Informs that addendum to CRDR summary rept will be submitted 30 days after startup from current outage or approx 900530. Addendum will describe 10CFR50, App R mods outside control room.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Utilities. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52668:110-52668:111.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090097** Notification of Significant Licensee Meeting 90-13 on 900208 W/licensee in Region 1 ofc to discuss nuclear safety concerns program enhancements.  
HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/02/01. Region 1, Ofc of the Director. 2pp. 52607:069-52607:070.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310007** Forwards Safety Insp Rept 50-213/89-24 on 891122-900108.  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/01/17. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 52497:224-52497:236.

—**9001310008** Safety Insp Rept 50-213/89-24 on 891122-900108. Major areas inspected: reconstitution of fuel assemblies, work conducted on reactor vessel thermal shield removal & mishandling of fire arms by security force personnel.  
HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/01/16. 11pp. 52497:226-52497:236.

**9001300192** Forwards "Haddam Neck Plant 1989 Refueling Outage Steam Generator Tube Insp Rept."  
MILLER, D.B. Connecticut Yankee Atomic Power Co. 90/01/19. Document Control Branch (Document Control Desk). 1p. 52513:001-52513:255.

—**9001300196** "Haddam Neck Plant 1989 Refueling Outage Steam Generator Tube Insp Rept."  
CALDERONE, J.W., DELAWARE, J.L., GLADDING, C.J. Connecticut Yankee Atomic Power Co. 90/01/19. 200pp. 52513:002-52513:255.

**9002010183** Responds to NRC 891212 ltr re violations noted in Insp Rept 50-213/89-22 re health physics training requirement. Violation contested based on NRC misinterpretation of Tech Spec 6.4.1 re training/replacement training program.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Utilities. 90/01/24. BELLAMY, R.R. Region 1, Ofc of the Director. 23pp. 52515:173-52515:195.

**9001310115** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Personnel trained in overall control procedure for fuel movement.  
MROCZKA, E.J., SEARS, C.F. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. Document Control Branch (Document Control Desk). 4pp. 52504:149-52504:152.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL, W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240180** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPIS Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150213** Forwards Exam Rept 50-213/90-01OL of exam administered on 900116-18.  
GALLO, R.M. Region 1, Ofc of the Director. 90/02/05. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 52676:039-52676:199.

—**9002150216** Exam Rept 50-213/90-01OL on 900116-18. Exam results: one senior reactor operator candidate passed exam & three failed. One reactor operator passed retake requalification exam.  
PRELL, J., ESELGROTH, P.W. Region 1, Ofc of the Director. 90/02/02. 155pp. 52676:041-52676:195.

—**9002150240** Forwards comments on written exam administered to senior reactor operator candidates on 900116.  
MILLER, D.B. Connecticut Yankee Atomic Power Co. 90/01/18. GALLO, R. Region 1, Ofc of the Director. 4pp. 52676:196-52676:199.

**9002220341** Formalizes 900206 requests made during telcon between G Buchard & B Norris re planned insp of emergency operating procedures & requests that plant-ref simulator be made available for evaluation of effectiveness of procedures.  
GALLO, R.M. Region 1, Ofc of the Director. 90/02/07. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 4pp. 52695:271-52695:274.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App Q documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—**8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002140221** Partial response to FOIA request for documents. App Q documents encl. App Q & S documents available in PDR. App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN, D. Blecher & Collins. 15pp. 52631:235-52633:165.

—**9002140232** Informs of need to retain all breakers identified as unacceptable for use during testing & review required by NRC Bulletin 88-010 in order to support NRC review of issue.  
KANE, W.F. Region 1, Ofc of the Director. 89/01/10. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 1p. 52631:261-52631:273.



## 18 DOCKETED ITEMS

### R. Periodic operating reports & related correspondence

9002080181 Forwards updated Bimonthly Progress Rept 20 re new switchgear bldg const.  
MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/31. Document Control Branch (Document Control Desk). 5pp. 52594:198-52594:202.

### S. Reportable occurrences, LERs & related correspondence

9001310303 LER 89-024-00: on 891226, evaluation of design deficiency determined that failure of block switch may render both trains of safety injection inoperable. Caused by design error during plant const. Switches reinstalled. W/900123 ltr.  
LEBARON,L.E., MILLER,D.B. Connecticut Yankee Atomic Power Co. 90/01/23. 5pp. 52521:026-52521:032.

9002220113 Forwards AED0/E90-02, "Crosby Low Pressure Relief Valves Nozzle Ring Problems," & proposed info notice recommended to be sent to all licensees to inform of benefits of proper maint of valves.  
NOVAK,T.M. Division of Safety Programs (Post 870413). 90/02/12. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 2pp. 52696:099-52696:112.

-9002220116 "Crosby Low Pressure Relief Valves Nozzle Ring Problems."  
ISRAEL,S. Office for Analysis & Evaluation of Operational Data, Director. 90/02/28. 12pp. 52696:101-52696:112.

### V. Operator Examinations

9002150230 Forwards revised NRC Forms 398 & 396 re personal qualifications statement-licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 9pp. 52656:297-52656:304.

9002140118 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 8pp. 52655:344-52655:351.

9002150213 Forwards Exam Rept 50-213/90-010L of exam administered on 900116-18.  
GALLO,R.M. Region 1, Ofc of the Director. 90/02/05. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp. 52676:039-52676:199.

-9002150216 Exam Rept 50-213/90-010L on 900116-18. Exam results: one senior reactor operator candidate passed exam & three failed. One reactor operator passed retest requalification exam.  
PRELL,J., ESELGROTH,P.W. Region 1, Ofc of the Director. 90/02/02. 155pp. 52676:041-52676:195.

-9002150240 Forwards comments on written exam administered to senior reactor operator candidates on 900116.  
MILLER,D.B. Connecticut Yankee Atomic Power Co. 90/01/18. GALLO,R. Region 1, Ofc of the Director. 4pp. 52676:196-52676:199.

9002230533 Advises that requalification program & licensed personnel evaluation scheduled for wk of 900604. NRC examiners will visit site approx 14 days in advance of evaluation to meet w/facility personnel to review schedule & process.  
ESELGROTH,P.W. Region 1, Ofc of the Director. 90/02/14. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 11pp. 52702:132-52702:142.

### DOCKET 50-219 OYSTER CREEK NUCLEAR POWER PLANT

#### F. Security, medical, emergency & fire protection plans

9001310103 Forwards Safety Insp Rept 50-219/89-28 on 891105-1202. No violations noted.  
WENZINGER,E. Region 1, Ofc of the Director. 90/01/19. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52501:323-52501:344.

-9001310106 Partially withheld Insp Rept 50-219/89-28 on 891105-1202 (ref 10CFR73.21). Major areas inspected: observation & review of plant operational events, notification of unusual event, hydrogen/oxygen monitoring sys mod & control rod uncoupling.  
COLLINS,E.E. Region 1, Ofc of the Director. 90/01/17. 20pp. 52501:325-52501:344.

9001290184 Clarifies point of discussion from 891024 emergency response data sys 891024 site visit. Backup parameters presented by util not required.  
JOLICOEUR,J.R. Incident Response Branch. 90/01/24. BOND,G.R. General Public Utilities Corp. - GPU Service Corp. 1p. 52469:334-52469:334.

9002080099 Revised EIPs, including Rev 11 to 9473-IMP-1300.03, Rev 3 to 9473-IMP-1300.11 & Rev 8 to 9473-ADM-1319.01. W/900129 ltr.  
BARTON,J.J. General Public Utilities Corp. - GPU Service Corp. 90/01/29. 146pp. 52588:242-52588:027.

9002120178 Clarifies 891211 comments on draft SER for plant full-term OL. Agency has confidence that population around plant EPZ could be evacuated in efficient & timely manner.  
CRAPAROTTA,J.J. New Jersey, State of. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52615:130-52615:130.

9002120232 Forwards environ assessment & finding of no significant impact re 861124 request for exemption from emergency lighting requirements contained in Section III.J of App R to 10CFR50.  
DROMERICK,A.W. Project Directorate I-4. 90/02/02. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52631:182-52631:187.

-9002120236 Environ assessment & finding of no significant impact re 861124 request for exemption from requirements of Section III.J of App R to 10CFR50. Proposed action will not have significant effect on quality of human environ.  
STOLZ,J.F. Project Directorate I-4. 90/02/02. 4pp. 52631:184-52631:187.

9002160208 Notification of 900228 meeting w/State of NJ Dept of Environ Protection in Rockville, MD to discuss issuance of full-term OL for facility, including PRA, transportation, population growth/emergency preparedness & seismic design.  
DROMERICK,A.W. Project Directorate I-4. 90/02/07. STOLZ,J.F. Project Directorate I-4. 4pp. 52658:192-52658:195.

9002230017 Forwards safety evaluation accepting exemption from emergency lighting requirements in Section III.J of App R to 10CFR50 to provide individual battery powered emergency lighting units in control room.  
DROMERICK,A.W. Project Directorate I-4. 90/02/12. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 4pp. 52719:102-52719:110.

-9002230026 Safety evaluation accepting request for exemption from emergency lighting requirements in Section III.J of App R to 10CFR50 to provide battery powered emergency lighting units in control room.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/12. 2pp. 52719:106-52719:107.

-9002230036 Exemption from 10CFR50, App R, Section III.J emergency lighting requirements.  
VARGA,S.A. Division of Reactor Projects - I/II (Post 870411). 90/02/12. General Public Utilities Corp. - GPU Service Corp. 3pp. 52719:108-52719:110.

### H. General correspondence

9002160203 Requests that listed individuals be deleted from svc list for facilities. Documents already sent to Dept of Environ Protection of State of NJ.  
ENGEL,R.F. New Jersey, State of. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52670:085-52670:086.

### P. Operating license stage documents & correspondence

9002020030 Forwards revised Tech Spec Table 4.13-1, "Accident Monitoring Instrumentation Surveillance Requirements," in support of licensee 890630 Tech Spec Change Request 179, per NRC project manager request.  
FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52526:200-52526:202.

-9002020032 Proposed Tech Spec Table 4.13-1, "Accident Monitoring Instrumentation Surveillance Requirements."  
\* General Public Utilities Corp. - GPU Service Corp. 90/01/19. 1p. 52526:202-52526:202.

9002010384 Discusses 891030 response to Generic Ltr 89-16, "Mark I Containment Hardened Vent." If completed plant-specific analysis supports conclusion another opportunity will be provided to make requisite mods under 10CFR50.59.  
DROMERICK,A.W. Project Directorate I-4. 90/01/23. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52505:027-52505:028.

9002010391 Advises that Category ABC list reviewed & listed projects in compliance w/ long-range planning program & acceptable except for B/A-328 ADA "FW/CRD Nozzle Insp" & B/A-328205 "SQUG Support & Participation."  
DROMERICK,A.W. Project Directorate I-4. 90/01/23. LONG,R.L. General Public Utilities Corp. - GPU Service Corp. 2pp. 52505:040-52505:041.

9002020073 Forwards omitted pages of 900116 ltr re State of NJ DEP comments on draft full-term OL SER & clarification of Page 10, fourth paragraph on new seismic floor response spectra.  
LAGGART,M.W. General Public Utilities Corp. - GPU Service Corp. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52526:082-52526:085.

9002010020 Forwards notice of consideration of issuance of amend to License DPR-16 & opportunity of hearing re 891218 application for amend revising Tech Spec 2.3.F & 4.3.E eliminating eight main steam safety valves.  
DROMERICK,A.W. Project Directorate I-4. 90/01/25. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52531:251-52531:257.

-9002010022 Notice of consideration of issuance of amend to License DPR-16 & opportunity for hearing. Amend revises Tech Spec 2.3.F & 4.3.E eliminating eight main steam safety valves.  
STOLZ,J.F. Project Directorate I-4. 90/01/24. 5pp. 52531:253-52531:257.

9002120238 Summary of 900110 meeting w/util in Rockville, MD re plant isolation condenser piping, steam isolation valves & IGSCC. List of attendees & meeting agenda encl.  
DROMERICK,A.W. Project Directorate I-4. 90/01/26. Project Directorate I-4. 17pp. 52631:218-52631:234.

9002070118 Summary of 900117-18 onsite audit of plant SPDS & DCRDR. List of attendees encl.  
DROMERICK,A.W. Project Directorate I-4. 90/01/30. Project Directorate I-4. 6pp. 52604:218-52604:223.

9002120178 Clarifies 891211 comments on draft SER for plant full-term OL. Agency has confidence that population around plant EPZ could be evacuated in efficient & timely manner.  
CRAPAROTTA,J.J. New Jersey, State of. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52615:130-52615:130.

9002120295 Forwards response to Generic Ltr 89-13 re plant svc water sys. Insp program for intake structure at plant implemented during past two refueling outages & emergency svc water currently chlorinated to prevent biofouling.  
FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 90/01/30. Document Control Branch (Document Control Desk). 5pp. 52631:188-52631:192.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002120232** Forwards environ assessment & finding of no significant impact re 861124 request for exemption from emergency lighting requirements contained in Section III.J of App R to 10CFR50.  
 DRÖMERICK,A.W. Project Directorate I-4. 90/02/02. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52631:182-52631:187.

**-9002120236** Environ assessment & finding of no significant impact re 861124 request for exemption from requirements of Section III.J of App R to 10CFR50. Proposed action will not have significant effect on quality of human environ.  
 STOLZ,J.F. Project Directorate I-4. 90/02/02. 4pp. 52631:184-52631:187.

**9002160194** Forwards Amend 136 to License DPR-16 & safety evaluation. Amend revises Tech Spec 3.7.A to clarify operability requirements for batteries B & C & specify switchgear control power requirements associated w/each battery.  
 DRÖMERICK,A.W. Project Directorate I-4. 90/02/02. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 3pp. 52657:341-52657:351.

**-9002160196** Amend 136 to License DPR-16, revising Tech Spec 3.7.A to clarify operability requirements for batteries B & C & specify switchgear control power requirements associated w/ each battery.  
 STOLZ,J.F. Project Directorate I-4. 90/02/02. 6pp. 52657:344-52657:349.

**-9002160200** Safety evaluation supporting Amend 136 to License DPR-16.  
 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 2pp. 52657:350-52657:351.

**9002140217** Forwards Amend 137 to License DPR-16 & safety evaluation. Amend revises Tech Specs to distinguish high & low range radioactive noble gas monitors.  
 DRÖMERICK,A.W. Project Directorate I-4. 90/02/06. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 3pp. 52655:258-52655:273.

**-9002140220** Amend 137 to License DPR-16, revising Tech Specs to distinguish high & low range radioactive noble gas monitors & add limiting conditions for operation & surveillance requirements for high-range monitors.  
 STOLZ,J.F. Project Directorate I-4. 90/02/06. 11pp. 52655:261-52655:271.

**-9002140224** Safety evaluation supporting Amend 137 to License DPR-16.  
 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 2pp. 52655:272-52655:273.

**9002160208** Notification of 900228 meeting w/State of NJ Dept of Environ Protection in Rockville,MD to discuss issuance of full-term OL for facility, including PRA, transportation, population growth/emergency preparedness & seismic design.  
 DRÖMERICK,A.W. Project Directorate I-4. 90/02/07. STOLZ,J.F. Project Directorate I-4. 4pp. 52658:192-52658:195.

**9002230017** Forwards safety evaluation accepting exemption from emergency lighting requirements in Section III.J of App R to 10CFR50 to provide individual battery powered emergency lighting units in control room.  
 DRÖMERICK,A.W. Project Directorate I-4. 90/02/12. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 4pp. 52719:102-52719:110.

**-9002230026** Safety evaluation accepting request for exemption from emergency lighting requirements in Section III.J of App R to 10CFR50 to provide battery powered emergency lighting units in control room.  
 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/12. 2pp. 52719:106-52719:107.

**-9002230036** Exemption from 10CFR50, App R, Section III.J emergency lighting requirements.  
 VARGA,S.A. Division of Reactor Projects - I/II (Post 870411). 90/02/12. General Public Utilities Corp. - GPU Service Corp. 3pp. 52719:108-52719:110.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
 BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010261** Forwards results from feedwater nozzle exam, in accordance w/NUREG-0619 insp format.  
 DEVINE,J.C. General Public Utilities Corp. - GPU Service Corp. 90/01/18. Document Control Branch (Document Control Desk). 10pp. 52515:096-52515:105.

**9001310103** Forwards Safety Insp Rept 50-219/89-28 on 891105-1202. No violations noted.  
 WENZINGER,E. Region 1, Ofc of the Director. 90/01/19. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52501:323-52501:344.

**-9001310106** Partially withheld Insp Rept 50-219/89-28 on 891105-1202 (ref 10CFR73.21). Major areas inspected: observation & review of plant operational events, notification of unusual event, hydrogen/oxygen monitoring sys mod & control rod uncoupling.  
 COLLINS,E.E. Region 1, Ofc of the Director. 90/01/17. 20pp. 52501:325-52501:344.

**9001310122** Responds to violations noted in Insp Rept 50-219/89-27. Corrective actions: Procedure 108 revised to allow temporary lifting of temporary variation.  
 FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52531:042-52531:043.

**9002020206** Discusses Insp Rept 50-219/89-23 & forwards notice of violation & proposed imposition of civil penalty in amount of \$50,000.  
 RUSSELL,W.T. Region 1, Ofc of the Director. 90/01/22. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 4pp. 52529:346-52529:352.

**-9002020212** Notice of violation & proposed imposition of civil penalty in amount of \$50,000. Noncompliance noted: on 890225 & 0916, personnel failed to document significant condition adverse to quality as identified on six occasions.  
 RUSSELL,W.T. Region 1, Ofc of the Director. 90/01/22. 3pp. 52529:350-52529:352.

**9002010107** Responds to unresolved items & weaknesses identified in Insp Rept 50-219/89-80. Corrective actions: procedure re containment spray sys-diagnostic & restoration actions revised to stand alone re installation of jumpers.  
 FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 90/01/23. Document Control Branch (Document Control Desk). 10pp. 52532:040-52532:049.

**9002060398** Notification of Mgt Meeting 90-05 on 890209 in King of Prussia, PA to discuss licensed operator training program described in Insp Rept 50-219/89-24 re deficiencies in processing license applications & upgrading training.  
 COLLINS,E.E. Region 1, Ofc of the Director. 90/01/24. Region 1, Ofc of the Director. 2pp. 52558:047-52558:048.

**9002060003** Forwards Safety Insp Rept 50-219/89-30 on 891214-15. No violations noted.  
 DURR,J.P. Region 1, Ofc of the Director. 90/01/26. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52560:024-52560:029.

**-9002060004** Insp Rept 50-219/89-30 on 891214-15. No violations noted. Major areas inspected: condition of facility storage tanks, LERs re storage tanks, licensee corrective actions, actions on previous insp findings & water chemistry program results.  
 MCPREARY,R.A. STROSNIDER,J.R. Region 1, Ofc of the Director. 90/01/19. 4pp. 52560:026-52560:029.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
 ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
 ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
 ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002120295** Forwards response to Generic Ltr 89-13 re plant svc water sys. Insp program for intake structure at plant implemented during past two refueling outages & emergency svc water currently chlorinated to prevent biofouling.  
 FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 90/01/30. Document Control Branch (Document Control Desk). 5pp. 52631:188-52631:192.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
 ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
 ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52563:180-52563:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
 ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
 CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### S. Reportable occurrences, LERs & related correspondence

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
 HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002150129** PNO-I-90-009: on 900206, plant shutdown commenced due to increasing unidentified RCS leakage due to failed pump seal. On 900110, recirculation pump A discharge valve failed to close. Outage of 8 days planned to repair pump seal.  
 YOUNG,S. Region 1, Ofc of the Director. 90/02/06. 1p. 52656:164-52656:164.

#### V. Operator Examinations

**9002140294** Forwards revised NRC Forms 396 & 398 re personal qualifications - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised form by 900201.  
 GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 8pp. 52655:118-52655:125.

**9002060398** Notification of Mgt Meeting 90-05 on 890209 in King of Prussia, PA to discuss licensed operator training program described in Insp Rept 50-219/89-24 re deficiencies in processing license applications & upgrading training.  
 COLLINS,E.E. Region 1, Ofc of the Director. 90/01/24. Region 1, Ofc of the Director. 2pp. 52558:047-52558:048.

**9002140121** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
 GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 7pp. 52653:121-52653:127.

#### DOCKET 50-220 NINE MILE POINT NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9002070442** Requests completion of encl survey designed to provide hardware, communications, data point & administrative info necessary for contractor to design emergency response data sys interface & data base for plant.  
 JOLICOEUR,J.R. Incident Response Branch. 90/01/30. MURNEY,R. Niagara Mohawk Power Corp. 66pp. 52593:089-52593:154.

## 20 DOCKETED ITEMS

### H. General correspondence

**9002130198** Responds to 900116 ltr re facility. NRC has not yet finalized decision on restart of facility. Response on "Retire Nine Mile One" group issues re use of Mark I containment design & corrosion of mats on containment end.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/01. WALSH, J.T. House of Rep. 6pp. 52635:001-52635:079.

**-9002130204** Requests answers from NRC to technical points raised in ltr from Retire Nine Mile One organization.  
WALSH, J.T. House of Rep. 90/01/16. CARR, K.M. Commissioners. 5pp. 52635:075-52635:079.

### P. Operating license stage documents & correspondence

**9001290145** Requests that until provide reasons for not performing post-scrum insp, per 861215 ltr & justification to show that hydro-test equivalent to post-scrum walkdown insp in detecting scram discharge vol piping sys leakage.  
MARTIN, R.E. Project Directorate I-1. 90/01/22. BURKHARDT, L. Niagara Mohawk Power Corp. 2pp. 52468:112-52468:113.

**9002090179** Informs that until responses to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," will be delayed until 900216.  
TERRY, C.D. Niagara Mohawk Power Corp. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52614:031-52614:031.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140260** Forwards Rev 5 to NMPC-QATR-1, "QA Topical Rept for Nine Mile Point Nuclear Station Operations."  
PERRY, J.A. Niagara Mohawk Power Corp. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52652:269-52652:355.

**-9002140265** Rev 5 to NMPC-QATR-1, "QA Topical Rept for Nine Mile Point Nuclear Station Operations."  
PERRY, J.A. Niagara Mohawk Power Corp. 90/01/31. 81pp. 52652:272-52652:355.

**9002230155** Forwards info re pressure in containment spray headers for one & two pump operation. Leakage in upper rings prevented by pressurizing & sealing header at common connection to rings.  
TERRY, C.D. Niagara Mohawk Power Corp. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52702:206-52702:207.

**9002230128** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util plans to analyze svc water sys & other safety-related sys by end of next refueling outage.  
TERRY, C.D. Niagara Mohawk Power Corp. 90/02/16. Document Control Branch (Document Control Desk). 3pp. 52702:203-52702:205.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010018** Responds to NRC Bulletin 89-002 re Anchor/Darling Model S350W swing check valves w/retaining block studs of stainless steel. No subj valves installed in safety-related applications. Other Anchor/Darling valves installed at plant.  
TERRY, C.D. Niagara Mohawk Power Corp. 90/01/18. Document Control Branch (Document Control Desk). 1p. 52531:357-52531:357.

**9001300317** Forwards Insp Repts 50-220/89-30 & 50-410/89-19 on 891019-1213 & notice of violation. No response to notice required because prompt corrective action taken & actions found satisfactory by resident inspectors.  
LINVILLE, J.C. Region 1, Ofc of the Director. 90/01/23. BURKHARDT, L. Niagara Mohawk Power Corp. 2pp. 52466:109-52466:127.

**-9001300318** Notice of violation from insp on 891019-1213. Violation noted: in-service testing vibration measurements for reactor bldg closed loop cooling sys pumps obtained from instrument pickup device placed on inboard mechanical seal housing.  
\* Region 1, Ofc of the Director. 90/01/23. 1p. 52466:111-52466:111.

**-9001300320** Insp Repts 50-220/89-30 & 50-410/89-19 on 891019-1213. Violation noted. Major areas inspected: Unit 1 reload preparations & Unit 2 power operations, plant tours, safety sys walkdowns, surveillance & maint reviews & LER reviews.  
MEYER, G.W. Region 1, Ofc of the Director. 90/01/19. 16pp. 52466:112-52466:127.

**9002060375** Forwards Safety Insp Rept 50-220/89-31 on 891127-1215. No violations noted.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. BURKHARDT, L. Niagara Mohawk Power Corp. 2pp. 52558:350-52558:358.

**-9002060378** Insp Rept 50-220/89-31 on 891127-1215. No violations noted. Major areas inspected: licensee administration of annual licensed operator requalification exams including exam mats.  
WALKER, T., CONTER, R. Region 1, Ofc of the Director. 90/01/24. 7pp. 52558:352-52558:358.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002070208** Forwards Insp Repts 50-220/89-28 & 50-410/89-24 on 891023-27. No violations or deficiencies noted.  
HODGES, M.W. Region 1, Ofc of the Director. 90/01/29. BURKHARDT, L. Niagara Mohawk Power Corp. 2pp. 52612:306-52612:313.

**-9002070211** Insp Repts 50-220/89-28 & 50-410/89-24 on 891023-27 & 1201-1231. No violations or deficiencies noted. Major areas inspected: review of open items from Unit 1, including items involving torus wall corrosion monitoring program.  
KAPLAN, H.J., CHAUDHARY, S., STROSNIDER, J.R. Region 1, Ofc of the Director. 90/01/29. 6pp. 52612:308-52612:313.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130109** Forwards Insp Rept 50-220/89-35 on 891211-15. No violations noted. Understands that corrective actions for all Reg Guide 1.97 restart issues scheduled for completion before 900119 & corrective action for electrical restart before 900210.

DURR, J.P. Region 1, Ofc of the Director. 90/02/01. BURKHARDT, L. Niagara Mohawk Power Corp. 2pp. 52646:043-52646:052.

**-9002130115** Insp Rept 50-220/89-35 on 891211-15. No violations noted. Major areas inspected: licensee actions on three Reg Guide 1.97 & one electrical restart issues identified in Mar & Aug 1989 insps.  
CHEUNG, L., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/29. 8pp. 52646:045-52646:052.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230100** Forwards Insp Repts 50-220/89-08 & 50-410/89-08 on 890907-1018 & notice of violation. Enforcement conference will be scheduled to further discuss findings & assess safety significance of sys inspected.  
KANE, W.F. Region 1, Ofc of the Director. 90/02/06. BURKHARDT, L. Niagara Mohawk Power Corp. 3pp. 52714:251-52714:285.

**-9002230108** Notice of violation from insp on 890907-1018. Violation noted: emergency diesel generator control room unit cooler declared operable & no post-maint test performed.  
\* Region 1, Ofc of the Director. 90/02/06. 1p. 52714:254-52714:254.

**-9002230122** Insp Repts 50-220/89-08 & 50-410/89-08 on 890907-1018. Violation noted. Major areas inspected: Unit 1 refueling activities & Unit 2 power operations & licensee action on previously identified items.  
MEYER, G.W. Region 1, Ofc of the Director. 90/02/05. 31pp. 52714:255-52714:285.

### R. Periodic operating reports & related correspondence

**9001310034** Monthly operating rept for Dec 1989 for Nine Mile Point Unit 1.W/900112 ltr.  
DAHLBERG, K., WILLIS, J.L. Niagara Mohawk Power Corp. 89/12/31. 14pp. 52503:200-52503:213.

### S. Reportable occurrences, LERs & related correspondence

**9002060309** Special rept on 900101, Fire Door D-24 out of svc for greater than 14 days. Fire watch patrol established until required repairs or corrective action completed.  
WILLIS, J.L. Niagara Mohawk Power Corp. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52555:269-52555:270.

**9002070403** LER 88-013-01: on 880512, determined that 125-volt dc sys electrical design not in compliance w/FSAR. Caused by declassifying MG sets as nonsafety-related. Sys declared inoperable & sets reclassified safety-related.W/900122 ltr.  
SKOW, R.H., WILLIS, J.L. Niagara Mohawk Power Corp. 90/01/22. 6pp. 52590:084-52590:089.

### T. Hearing transcripts on non-antitrust matters

**9002020062** Forwards Rosenthal Investigation 89-02, second interim rept, for placement in PDR. Rept release approved by Commission.  
SHOWMAN, S. Office of the Secretary of the Commission. 90/01/29. Public Document Branch. 1p. 52524:134-52524:057.

**-9002020113** Submits addl info to suppl & clarify 890315 testimony on R Fortuna matter.  
HAYES, B.B. Ofc of Investigations (Post 880201). 89/03/21. ROSENTHAL, A.S. NRC - No Detailed Affiliation Given. 1p. 52524:135-52524:135.

**-9002020126** Interim rept of Investigation 89-02 instituted in Aug 1988 re conduct of RA Fortuna.  
ROSENTHAL, A.S. NRC - No Detailed Affiliation Given. 89/09/21. 66pp. 52524:136-52524:044.

**-9002020131** Transcript of 890315 investigative interview of BB Hayes in Bethesda, MD. Pp 1-100. Related correspondence encl.  
\* Ofc of Investigations (Post 880201). 89/03/15. 103pp. 52524:202-52524:304.

—9002020133 Transcript of 890320 interview of C White in Bethesda, MD. Pp 1-109. Related documentation encl.  
\* Commissioners. 89/03/20. 111pp. 52524:305-52525:055.

—9002020134 Corrected transcript of 890322 investigative interview of W Hutchison in Bethesda, MD. Pp 1-59. Related documentation encl.  
\* Ofc of Investigations (Post 880201). 89/03/22. 61pp. 52525:056-52525:116.

—9002020135 Corrected transcript of 890322 investigative interview of RA Fortuna in Bethesda, MD. Pp 1-211. W/related documentation.  
FORTUNA, R.A. Ofc of Investigations (Post 880201). 89/03/22. 288pp. 52525:117-52526:044.

—9002020139 Submits suppl to interim rept of Investigation 89-02 in matter of RA Fortuna.  
ROSENTHAL, A.S. NRC - No Detailed Affiliation Given. 89/10/18. CARR, ROBERTS, ROGERS Commissioners. 3pp. 52526:045-52526:047.

—9002020141 Forwards JB Hyland rept on review of interim rept & tape recording of 870114 telcon between Fortuna & Comley for consideration.  
MALSCH, M.G. Office of Inspector General (Post 890417). 89/11/17. Commissioners. 1p. 52526:048-52526:057.

—9002020143 Discusses review of matis & documents re allegations against RA Fortuna & forwards rept.  
HYLAND, J.B. Affiliation Not Assigned. 89/11/07. MALSCH, M.G. Office of Inspector General (Post 890417). 1p. 52526:049-52526:049.

—9002020145 Discusses findings re RA Fortuna alleged misconduct.  
HYLAND, J.B. NRC - No Detailed Affiliation Given. 89/11/07. MALSCH, M.G. Office of Inspector General (Post 890417). 8pp. 52526:050-52526:057.

#### V. Operator Examinations

9002140257 Forwards revised NRC Forms 398, "Personal Qualifications Statement - Licensee" & 396, "Certification of Medical Exam by Facility Licensee," respectively. Applications for licenses should be submitted on revised forms by 900201.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. BURKHARDT, L. Niagara Mohawk Power Corp. 8pp. 52553:226-52553:233.

9002060375 Forwards Safety Insp Rept 50-220/89-31 on 891127-1215. No violations noted.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. BURKHARDT, L. Niagara Mohawk Power Corp. 2pp. 52558:350-52558:358.

—9002060378 Insp Rept 50-220/89-31 on 891127-1215. No violations noted. Major areas inspected: licensee administration of annual licensed operator requalification exams including exam matis.  
WALKER, T., CONTER, R. Region 1, Ofc of the Director. 90/01/24. 7pp. 52558:352-52558:358.

9002140120 Discusses generic fundamentals exam section of written operator licensing exam per Generic Ltr 89-17.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. BURKHARDT, L. Niagara Mohawk Power Corp. 8pp. 52651:347-52651:354.

#### DOCKET 50-223 UNIV. OF LOWELL RESEARCH REACTOR

#### V. Operator Examinations

9002140172 Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by licensee, respectively. All applications for licenses to be submitted on revised forms by 900201.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. BEGHIAN, L.E. Lowell, Univ. of Lowell, MA. 8pp. 52650:304-52650:311.

9002220343 Advises that written licensing reexam scheduled for 900306. Completed license applications should be submitted at least 30 days prior to exam date. Ref matis requirements for licensing exams listed on encl.

ESLGROTH, P.W. Region 1, Ofc of the Director. 90/02/09. BEGHIAN, L.E. Lowell, Univ. of Lowell, MA. 11pp. 52688:336-52688:346.

#### DOCKET 50-225 RPI CRITICAL EXPERIMENT

#### V. Operator Examinations

9002140180 Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by facility licensee, respectively. All applications for licenses to be submitted on revised forms by 900201.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. BLOCK, R.C. Rensselaer Polytechnic Institute, Troy, NY. 8pp. 52650:320-52650:327.

#### DOCKET 50-228 AEROTEST RADIOGRAPHY & RESEARCH REACTOR

#### F. Security, medical, emergency & fire protection plans

9002090056 Forwards revised security plan adding details re facility const & layout, personnel data & facility security status. Plan withheld (ref 10CFR2.790(d)).  
SIMENS, H.G. Aerotest Operations, Inc. 89/05/31. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52634:246-52634:246.

#### H. General correspondence

9002050002 Notifies of intention of IE Lamb to take early retirement from company by 900126 & designation of author to fill vacancy on interim basis.  
SIMENS, H.G. Aerotest Operations, Inc. 90/01/18. WENSLAWSKI, F. Region 5, Ofc of the Director. 1p. 52542:346-52542:346.

#### DOCKET 50-237 DRESDEN NUCLEAR POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations."  
CARSON, R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director."  
CARSON, R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9001300208 Advises that 891222 Rev 29 to security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52490:262-52490:263.

9002090001 Forwards Safety Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/31. REED, C. Commonwealth Edison Co. 2pp. 52599:326-52599:335.

—9002090002 Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24. No violations, deficiencies or deviations noted. Major areas inspected: util emergency preparedness program, emergency plan activations, emergency facilities & equipment & training.  
PATTERSON, J., BARSS, D., SNELL, W. Region 3, Ofc of the Director. 90/01/30. 8pp. 52599:328-52599:335.

9002150089 Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52668:051-52668:071.

#### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI, P.C. Project Directorate III-2. 89/11/24. KOVACH, T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

9001300432 Application for amends to Licenses DPR-19 & DPR-25, improving & standardizing instrumentation tables and related requirements.  
SILADY, J.A. Commonwealth Edison Co. 90/01/16. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 22pp. 52494:276-52494:283.

—9001300436 Proposed Tech Specs re Instrumentation tables.  
\* Commonwealth Edison Co. 90/01/16. 195pp. 52494:298-52494:433.

9001300241 Forwards revised "Effects of Postulated DC Power Failures on ECCS Availability Quad-Cities Unit 1." Conclusions later evaluated to be applicable to other units. Rept revised to better define review process employed in original analysis.  
SILADY, J.A. Commonwealth Edison Co. 90/01/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52491:265-52491:269.

—9001300248 Revised "Effects of Postulated DC Power Failures on ECCS Availability Quad-Cities Unit 1."  
\* Sargent & Lundy, Inc. 89/04/10. 400pp. 52491:267-52491:329.

9002010089 Advises that 891027 response to Generic Ltr 88-20 re Individual plant exam approach, methodology & schedule acceptable.  
SHEMANSKI, P.C. Project Directorate III-2. 90/01/24. KOVACH, T.J. Commonwealth Edison Co. 5pp. 52539:096-52539:100.

9002010083 Discusses util response to Generic Ltr 89-16, "Mark I Containment Hardened Vent." Response indicates that util not committed to install hardened vents on voluntary basis. Plant-specific analysis will be completed.  
SIEGEL, B.L. Project Directorate III-2. 90/01/26. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52531:114-52531:116.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44.45 & 46 & App B, Section XI.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120098 Provides addl info re 890929 proposed Tech Specs on ATWS recirculation pump trip high pressure setpoint & surveillance frequencies. Use of GE STS values unwarranted due to adverse impact of lower setpoint on peak pressure.  
SILADY, J.A. Commonwealth Edison Co. 90/02/01. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52615:185-52615:187.

9002130053 Forwards "Core Operating Limits Rept, Dresden Station Unit 2, Cycle 12, Rev 0" & "Core Operating Limits Rept, Dresden Station Unit 3, Cycle 12, Rev 0." Cycle 12 startup expected on 900210.  
SILADY, J.A. Commonwealth Edison Co. 90/02/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52628:048-52628:090.

—9002130057 "Core Operating Limits Rept, Dresden Station Unit 2, Cycle 12, Rev 0."  
\* Commonwealth Edison Co. 89/12/31. 22pp. 52628:048-52628:069.

—9002130062 "Core Operating Limits Rept, Dresden Station Unit 3, Cycle 12, Rev 0."  
\* Commonwealth Edison Co. 89/12/31. 21pp. 52628:070-52628:090.

9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.



## 22 DOCKETED ITEMS

### Q. Inspection reports, IE Bulletins & correspondence

**9001310173** Responds to NRC 891218 ltr re violation noted in Insp Repts 50-237/89-25 & 50-249/89-25. Corrective action: calibr gas source traceable to NIST ordered & Radiation Protection Procedure 200-3 will be revised by June 1990. KOVACH, T.J. Commonwealth Edison Co. 90/01/15. DAVIS, A.B. Region 3, Ofc of the Director. 3pp. 52503:358-52503:360.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300086** Forwards Safety Insp Repts 50-237/89-26 & 50-249/89-25 on 891202-900105 & 18. No violations noted. SHAFER, W.D. Region 3, Ofc of the Director. 90/01/18. REED, C. Commonwealth Edison Co. 2pp. 52490:266-52490:280.

**-9001300089** Insp Repts 50-237/89-26 & 50-249/89-25 on 891202-900105 & 18. No violations or deviations noted. Major areas inspected: previously identified insp items, LERs, plant operations, maint & surveillances & safety assessment/quality verification. HINDS, J.M. Region 3, Ofc of the Director. 90/01/18. 13pp. 52490:266-52490:280.

**9002130253** Responds to NRC 891226 ltr re violations noted in Insp Repts 50-237/89-22 & 50-249/89-21. Corrective actions: hourly fire watch initiated per station Admin Technical Requirement 3/4.1.6. KOVACH, T.J. Commonwealth Edison Co. 90/01/25. DAVIS, A.B. Region 3, Ofc of the Director. 5pp. 52634:286-52634:290.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002090001** Forwards Safety Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/31. REED, C. Commonwealth Edison Co. 2pp. 52599:326-52599:335.

**-9002090002** Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24. No violations, deficiencies or deviations noted. Major areas inspected: util emergency preparedness program, emergency plan activations, emergency facilities & equipment & training. PATTERSON, J., BARSS, D., SNELL, W. Region 3, Ofc of the Director. 90/01/30. 8pp. 52599:328-52599:335.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### S. Reportable occurrences, LERs & related correspondence

**9001310148** Summary of Operating Reactors Events Meeting 90-001 on 900117. On 900116, loss of offsite power & multiple equipment failures occurred at Dresden Unit 2. Caused by failure of reserve auxiliary transformer. Feedwater pump restarted. HAUGHNEY, C.J. Events Assessment Branch. 90/01/19. ROSSI, C.E. Events Assessment Branch. 15pp. 52531:047-52531:061.

**9001310242** Confirms 900122 telcon re util actions to satisfy requirements of Confirmatory Action Ltr CAL-R111-90-01, per reactor scram caused by loss of condensate booster pump. Results of investigation of equipment failure requested. DAVIS, A.B. Region 3, Ofc of the Director. 90/01/25. REED, C. Commonwealth Edison Co. 3pp. 52503:197-52503:199.

**9002070096** Summary of Operating Reactors Events Meeting 90-002 on 900124. List of attendees encl. HAUGHNEY, C.J. Events Assessment Branch. 90/01/25. ROSSI, C.E. Events Assessment Branch. 14pp. 52612:287-52612:300.

**9002090035** LER 90-001-00: on 900105, primary containment Group I isolation & reactor scram occurred. Caused by procedural deficiency within Instrument Surveillance 250-1. Work request written for test on main steam line switches. W/900201 ltr. WELCH, J., EENIGENBURG, E. Commonwealth Edison Co. 90/02/01. 7pp. 52598:089-52598:095.

**9002230211** LER 90-002-00: on 900116, automatic reactor scram on low reactor water level occurred when condensate/condensate booster pump failed, causing loss of off-site power. Caused by fire in pump motor. Formal training initiated. W/900215 ltr. WHALEN, J., EENIGENBURG, E. Commonwealth Edison Co. 90/02/15. 20pp. 52713:081-52713:100.

### V. Operator Examinations

**9001310399** Advises that facility training programs for reactor operator & senior reactor operator received accreditation renewal by INPO in June 1989. Programs developed & maintained using systematic approach to training, per Generic Ltr 87-07. SILADY, J.A. Commonwealth Edison Co. 90/01/22. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52497:170-52497:170.

### DOCKET 50-244 ROBERT EMMET GINNA NUCLEAR PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9002050016** Forwards Safety Insp Rept 50-244/89-16 on 891107-1211 & notice of violation. JOHNSON, J.R. Region 1, Ofc of the Director. 90/01/24. SMITH, R.E. Rochester Gas & Electric Corp. 2pp. 52542:280-52542:322.

**-9002050019** Insp Rept 50-244/89-16 on 891107-1211. Violation noted. Major areas inspected: plant operations, radiological controls, maint, surveillance, engineering/technical support, security, periodic & special repts & repts of nonroutine events. MCCABE, E.C. Region 1, Ofc of the Director. 90/01/22. 40pp. 52542:283-52542:322.

**9002140183** Forwards Insp Rept 50-244/89-80 on 890925-1004. Weaknesses identified. GALLO, R.M. Region 1, Ofc of the Director. 90/02/02. MCCREDY, R.C. Rochester Gas & Electric Corp. 2pp. 52648:270-52648:312.

**-9002140184** Insp Rept 50-244/89-80 on 890925-1004. No violations or deviations noted. Major areas inspected: emergency procedures. NORRIS, B.S., ESELGROTH, P.W. Region 1, Ofc of the Director. 90/02/02. 41pp. 52648:272-52648:312.

**9002220031** Revised EPIPs, consisting of Rev 4 to SC-411, "New York State Warning Phone Test" & Rev 23 to SC-602, "Alert Notification." W/900208 ltr. WIDAY, J.A., MCCREDY, R.C. Rochester Gas & Electric Corp. 90/02/08. JOHNSON, A. Project Directorate I-3. 10pp. 52688:118-52688:127.

**9002220730** Revised emergency operating procedures, including Rev 9 to AP-CR.1, Rev 6 to AP-CW.1, Rev 8 to AP-CW.2, Rev 7 to AP-CW.3, Rev 5 to AP-CVCS.1, Rev 4 to AP-IA.1, Rev 6 to ES-0.0 & Rev 2 to F-0.3. W/900208 ltr. \* Rochester Gas & Electric Corp. 90/02/08. 72pp. 52678:137-52678:208.

#### P. Operating license stage documents & correspondence

**9002060372** Notification of Significant Licensee meeting 90-10 on 900207 w/util in Region I ofc to discuss update on status of maint improvement programs & licensee presentation of annual refueling outage activities. MCCABE, E.C. Region 1, Ofc of the Director. 90/01/25. Region 1, Ofc of the Director. 2pp. 52555:146-52555:147.

**9002070044** Notification of Significant Licensee Meeting 90-11 on 900306 w/util for mgt meeting for licensee presentation on configuration mgt & integrated schedule for prioritizing work at plant. MCCABE, E.C. Region 1, Ofc of the Director. 90/01/25. Region 1, Ofc of the Director. 2pp. 52593:165-52593:166.

**9002120077** Forwards response to Generic Ltr 89-13 re svc water problems affecting safety-related equipment. Circulating water chlorination, using sodium hypochlorite to prevent biofouling, performed twice per wk from May through Oct. MCCREDY, R.C. Rochester Gas & Electric Corp. 90/01/29. Region 1, Ofc of the Director. 7pp. 52607:048-52607:054.

**9002090321** Advises that 880531 response to Generic Ltr 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Boundary Components in PWR Plants," fulfills requirement & closes effort under TAC 68921. JOHNSON, A. Project Directorate I-3. 90/01/30. MCCREDY, R.C. Rochester Gas & Electric Corp. 2pp. 52626:034-52626:035.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220171** Rev 1 to notification of Significant Licensee Meeting 90-10 on 900207 in Region I for update on status of maint improvement programs & licensee presentation of annual refueling outage activities. MCCABE, E.C. Region 1, Ofc of the Director. 90/02/05. Region 1, Ofc of the Director. 2pp. 52674:359-52674:360.

**9002230236** Rev 1 to Notice of Significant Licensee Meeting 90-11 on 900306 w/licensee in King of Prussia, PA for mgt meeting for licensee presentation on configuration mgt & integrated schedule for prioritizing work at plant. MCCABE, E.C. Region 1, Ofc of the Director. 90/02/05. Region 1, Ofc of the Director. 2pp. 52701:359-52701:360.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300193** Forwards response to NRC 891116 request for addl info re plant third 10-yr interval inservice insp program. List of ultrasonic calibr stds that will be used listed & exam procedures for primary coolant sys discussed. MECREDY, R.C. Rochester Gas & Electric Corp. 90/01/16. JOHNSON, A.R. Project Directorate I-3. 13pp. 52490:281-52490:293.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002050016** Forwards Safety Insp Rept 50-244/89-16 on 891107-1211 & notice of violation. JOHNSON, J.R. Region 1, Ofc of the Director. 90/01/24. SMITH, R.E. Rochester Gas & Electric Corp. 2pp. 52542:280-52542:322.

**-9002050018** Notice of violation from insp on 891107-1211. Violation noted: following maint on loop B saturation temp monitor, test switch not restored to original position & did not receive independent verification of instrument response.  
\* Region 1, Ofc of the Director. 90/01/24. 1p. 52542:282-52542:282.

**-9002050019** Insp Rept 50-244/89-16 on 891107-1211. Violation noted. Major areas inspected: plant operations, radiological controls, maint, surveillance, engineering/technical support, security, periodic & special repts & repts of nonroutine events. MCCABE, E.C. Region 1, Ofc of the Director. 90/01/22. 40pp. 52542:283-52542:322.

**9002060325** Responds to NRC Bulletin 89-003 re potential loss of shutdown margin during refueling operations. Option to use listed assembly configurations during refueling, including temporary storage in baffle locations, will be retained. MECREDY, R.C. Rochester Gas & Electric Corp. 90/01/25. JOHNSON, A.R. Project Directorate I-3. 2pp. 52560:038-52560:039.

**9002060357** Forwards Insp Rept 50-244/90-01 on 900108-12. No violations noted. Results of review re failure of station mgt to resolve NRC concern noted in previous insp regarding individuals eating & drinking in chemistry lab requested. BELLAMY, R.P. Region 1, Ofc of the Director. 90/01/26. MECREDY, R.C. Rochester Gas & Electric Corp. 2pp. 52559:354-52560:003.

**-9002060362** Insp Rept 50-244/90-01 on 900108-12. No violations noted. Major areas inspected: licensee radiological controls program & preparations for next refueling outage, including organization & staffing, training & audits & appraisals. O'CONNELL, P. PASCIAK, W. Region 1, Ofc of the Director. 90/01/23. 8pp. 52559:356-52560:003.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060118** Informs that NRC intends to perform team insp of maint program on 900409-20 at plant. Insp will focus on performance of maint & whether components, sys & structures of plant adequately maintained. GALLO, R.M. Region 1, Ofc of the Director. 90/01/29. MECREDY, R.C. Rochester Gas & Electric Corp. 15pp. 52559:003-52559:017.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002140238** Responds to violations noted in Insp Rept 50-244/89-15. Corrective action: procedure addressing boric acid filter flush & isolation strengthened to provide tighter controls on isolation. MECREDY, R.C. Rochester Gas & Electric Corp. 90/01/31. RUSSELL, W.T. Region 1, Ofc of the Director. 2pp. 52655:256-52655:257.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002140183** Forwards Insp Rept 50-244/89-80 on 890925-1004. Weaknesses identified. GALLO, R.M. Region 1, Ofc of the Director. 90/02/02. MECREDY, R.C. Rochester Gas & Electric Corp. 2pp. 52648:270-52648:312.

**-9002140184** Insp Rept 50-244/89-80 on 890925-1004. No violations or deviations noted. Major areas inspected: emergency procedures. NORRIS, B.S., ESELGROTH, P.W. Region 1, Ofc of the Director. 90/02/02. 41pp. 52648:272-52648:312.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**R. Periodic operating reports & related correspondence**

**9002050284** Monthly operating rept for Dec 1989 for RE Ginna Nuclear Power Station. W/900117 ltr. DODGE, R.E., MECREDY, R.C. Rochester Gas & Electric Corp. 89/12/31. 5pp. 52548:112-52548:116.

**S. Reportable occurrences, LERs & related correspondence**

**9002120255** Forwards Rev 1 to LER 89-016 to correct event date on Page 1. Event due to failure of safety injection block/unblock switch rendering automatic features of both trains inoperable. Event also reported per 10CFR21. MECREDY, R.C. Rochester Gas & Electric Corp. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52635:209-52635:217.

**-9002120259** LER 89-016-01 on 891117, engineering evaluation of 891220 potential single failure of safety injection block/unblock switch completed. Caused by design error during initial plant const. Plugger position verified. Also reported per Part 21. BACKUS, W.H. Rochester Gas & Electric Corp. 90/01/26. 6pp. 52635:210-52635:217.

**9002120044** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1. Westinghouse identified other plants using similar switches & informed licensees of potential resolutions noted in stated encls. NOVAK, T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 10pp. 52627:096-52627:105.

**-9002150203** Forwards AEOD/T904, "Design Deficiency of Safety Injection Block Switch." Licensee decision to correct existing scheme by installing two selector switches w/one switch for each train noted. MAZUMDAR, S. Reactor Operations Analysis Branch. 89/04/18. ROSENTHAL, J.E. Reactor Operations Analysis Branch. 1p. 52627:103-52627:105.

**-9002150206** AEOD/T904, "Design Deficiency of Safety Injection Block Switch." MAZUMDAR, S. Office for Analysis & Evaluation of Operational Data, Director. 89/04/18. 2pp. 52627:104-52627:105.

**V. Operator Examinations**

**9002140268** Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised form by 900201.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MECREDY, R.C. Rochester Gas & Electric Corp. 8pp. 52652:098-52652:105.

**9002140128** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. MECREDY, R.C. Rochester Gas & Electric Corp. 8pp. 52653:113-52653:120.

**DOCKET 50-245 MILLSTONE NUCLEAR POWER STATION, UNIT 1****F. Security, medical, emergency & fire protection plans**

**9001300293** Forwards Safety Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204. Plans & schedules re improvements of check valve performance requested in response to events involving check valve failures in safety-related applications. WENZINGER, E.C. Region 1, Ofc of the Director. 90/01/19. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52471:048-52471:114.

**-9001300298** Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204. Major areas inspected: plant operations, surveillance, maint, previously identified items, engineering/technical support, committee activities, security & allegations. HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/01/18. 65pp. 52471:050-52471:114.

**9001290212** Rev 12 to EPIP-4211, "On Call Procedure." SCACE, S. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/22. 18pp. 52467:123-52467:140.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL, W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9002070415** Advises that util 890314 submittal of Rev 8 to physical security plan re waste disposal bldg & boron recovery bldg, incorrectly designated in figures as vital areas. Review of areas confirmed that no equipment exists in subj bldgs. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52593:020-52593:021.

**H. General correspondence**

**9002080209** Comment opposing proposed rule 10CFR170, "Rev of FY90 Fee Schedules: Radioisotope Licenses & Topical Rept." MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/01/31. Docketing & Services Branch. 3pp. 52567:131-52567:133.

## 24 DOCKETED ITEMS

**9002080232** Comment opposing proposed rule 10CFR2 re mod to enforcement policy allowing escalation in civil penalties for violations of NRC requirements where root cause involves programmatic maint-related implications.  
MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/02/05. Docketing & Services Branch. 3pp. 52567:101-52567:103.

**9002150151** Advises of changes to util distribution lists for correspondence from NRC due to organizational title changes. Revs to distribution list encl.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/02/08. Document Control Branch (Document Control Desk). 9pp. 52677:069-52677:077.

**9002220016** Comment opposing rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Low specific activity packages should be exempted from proposed IAEA Safety Series 6, as revised in 1986 changes.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/02/09. Docketing & Services Branch. 11pp. 52658:341-52658:351.

### P. Operating license stage documents & correspondence

**9001290202** Discusses util 891030 response to Generic Ltr 89-16, "Hardened Wetwell Vent." Util provided preliminary cost estimates for installation of hardened wetwell vent since no commitment made to voluntarily install vent.  
BOYLE,M.L. Project Directorate I-4. 90/01/22. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp. 52472:348-52472:349.

**9002020243** Submits revised schedule to resolve USI A-46 re generic implementation procedures developed by Seismic Qualification Util Group. If final NRC SER issued during First Quarter 1990 shutdowns could be done during second refueling outage.  
MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52539:266-52539:268.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9002090246** Informs of plans to resolve problems experienced during last two summers w/high svc water temps slightly above 90 F. Proposed license amend requests will be submitted limiting UHS temps for Haddam Neck & Millstone Unit 2.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52599:083-52599:084.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090097** Notification of Significant Licensee Meeting 90-13 on 900208 W/ licensee in Region 1 ofc to discuss nuclear safety concerns program enhancements.  
HAVERKAMP,D.R. Region 1, Ofc of the Director. 90/02/01. Region 1, Ofc of the Director. 2pp. 52607:069-52607:070.

**9002150225** Forwards corrected Amends 35 & 144 to Licenses DPR-21 & DPR-65, respectively. Changes issued in Amends 34 & 143 not reflected in Amends 35 & 144.  
STOLZ,J.F. Project Directorate I-4. 90/02/01. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 3pp. 52656:071-52656:076.

**-9002150228** Corrected Amends 35 & 144 to Licenses DPR-21 & DPR-65, respectively re administrative controls.  
\* NRC - No Detailed Affiliation Given. 90/02/01. 3pp. 52656:074-52656:076.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300293** Forwards Safety Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204. Plans & schedules re improvements of check valve performance requested in response to events involving check valve failures in safety-related applications.  
WENZINGER,E.C. Region 1, Ofc of the Director. 90/01/18. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52471:048-52471:114.

**-9001300298** Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204. Major areas inspected: plant operations, surveillance, maint, previously identified items, engineering/technical support, committee activities, security & allegations.  
HAVERKAMP,D.R. Region 1, Ofc of the Director. 90/01/18. 65pp. 52471:050-52471:114.

**9002020058** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002070238** Forwards Requalification Program Evaluation & Replacement Exam Rept 50-245/89-26OL of evaluation conducted during wks of 891016 & 23 & exams administered during wk of 891016. Requalification program satisfactory.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/29. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52587:068-52587:145.

**-9002070243** Requalification Program Evaluation & EOP/BWR Power Oscillation Insp Rept 50-245/89-26OL on 891016-21 & 23-26. Exam results: all 5 reactor operators (ROs) & 14 of 15 senior ROs passed all portions of exam & replacement exams passed.  
EASLUCK,T.A. FLOREK,D.J., CONTE,R.J. Region 1, Ofc of the Director. 90/01/25. 66pp. 52587:070-52587:145.

**9002140107** Discusses updated implementation schedule re dedication of commercial-grade items, per Insp Repts 50-245/89-80, 50-336/89-80 & 50-423/89-80 on 890430-0616 & 0710-14.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52650:266-52650:267.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002150020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:402.

**9002070458** Responds to NRC 900103 ltr re violation noted in Insp Repts 50-245/89-23 & 50-336/89-22 on 890906-1020. Corrective actions: SP-412L satisfactorily performed & independent check periodically performed by QC personnel.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/31. RUSSELL,W.T. Region 1, Ofc of the Director. 5pp. 52593:155-52593:159.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002150365** Comments on Insp Repts 50-245/89-20, 50-336/89-19 & 50-423/89-20 issued on 891026. Clarifies events surrounding inoperable diesel generators.  
MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52677:001-52677:003.

**9002230483** Forwards Safety Insp Rept 50-245/89-21 on 891204-08 & notice of violation.  
GALLO,R.M. Region 1, Ofc of the Director. 90/02/02. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52702:338-52702:347.

**-9002230487** Notice of violation from Insp on 891204-08. Violation noted: equipment designated for safety-related uses, including electronic instruments & piping did not have appropriate caps or covers installed to prevent damage of deterioration.  
\* Region 1, Ofc of the Director. 90/02/02. 1p. 52702:340-52702:340.

**-9002230488** Insp Rept 50-245/89-21 on 891204-08. Violation noted. Major areas inspected: implementation of QA program, including test & experiments program, receipt, storage & handling of equipment & matl program & audit program.  
FINKEL,A., BLUMBERG,N. Region 1, Ofc of the Director. 90/02/01. 7pp. 52702:341-52702:347.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:404.

**9002230474** Forwards Insp Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900119-29. Enforcement conference scheduled on 900131 to discuss violation re shipment of underwater shearer/compactor in excess of allowable radiation level.  
KNAPP,M.R. Region 1, Ofc of the Director. 90/02/05. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 52702:350-52702:354.

**-9002230477** Insp Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900119-29. Violation noted. Major areas inspected: circumstances surrounding 900117 shipment of underwater shearer/compactor equipment to Duane Arnold Energy Ctr.  
FURIA,J., KUTTAN,J., BORES,R. Region 1, Ofc of the Director. 90/02/01. 2pp. 52702:353-52702:354.

**9002140221** Partial response to FOIA request for documents. App Q documents encl. App Q & S documents available in PDR. App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN,D. Blecher & Collins. 15pp. 52631:235-52631:273.

**-9002140232** Informs of need to retain all breakers identified as unacceptable for use during testing & review required by NRC Bulletin 88-010 in order to support NRC review of issue.  
KANE,W.F. Region 1, Ofc of the Director. 89/01/10. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 1p. 52631:261-52631:273.

### R. Periodic operating reports & related correspondence

**9002140270** Monthly operating rept for Jan 1990 for Millstone Unit 1. W/900208 ltr.  
NEUBURGH,G., STETZ,J.P. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). STETZ,J.P. Northeast Utilities. 90/01/31. 5pp. 52652:083-52652:097.

**S. Reportable occurrences, LERs & related correspondence**

- 9001300187** LER 89-014-01: on 890529, reactor recirculation pump seal pressure became erratic & containment pressure began to rapidly increase. Caused by excessive containment leakage due to improper seal handling. W/900118 ltr. NOLL, W.G., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities), SCACE, S.E. Northeast Utilities. 90/01/18. 7pp. 52494:070-52494:076.
- 9002140090** Special 30-day rept: on 891102 & 09, plant-related Zn-65 concentrations in oysters exceeded reporting level criteria. Caused by operation of zinc injection sys & dumping shell side HX water into radwaste. LADTAP code will be revised. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities), MROCZKA, E.J. Northeast Utilities. 90/01/30. Document Control Branch (Document Control Desk). 8pp. 52655:110-52655:117.

**V. Operator Examinations**

- 9002150230** Forwards revised NRC Forms 398 & 396 re personal qualifications statement- licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 9pp. 52656:297-52656:304.
- 9002050149** Advises that effective 900101 OL or senior OL not needed for listed personnel at facility. SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities), SCACE, S.E. Northeast Utilities. 90/01/23. Document Control Branch (Document Control Desk). 1p. 52542:019-52542:019.
- 9002140118** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 8pp. 52655:344-52655:351.
- 9002070238** Forwards Requalification Program Evaluation & Replacement Exam Rept 50-245/89-26OL of evaluation conducted during wks of 891016 & 23 & exams administered during wk of 891016. Requalification program satisfactory. GALLO, R.M. Region 1, Ofc of the Director. 90/01/29. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52587:068-52587:145.
- 9002070243** Requalification Program Evaluation & EOP/BWR Power Oscillation Insp Rept 50-245/89-26OL on 891016-21 & 23-26. Exam results: all 5 reactor operators (ROs) & 14 of 15 senior ROs passed all portions of exam & replacement exams passed. EASLUCK, T.A., FLOREK, D.J., CONTE, R.J. Region 1, Ofc of the Director. 90/01/25. 66pp. 52587:070-52587:145.

**DOCKET 50-247 INDIAN POINT STATION, UNIT 2****O. Advisory Committee on Reactor Safeguards reports & correspondence**

- 9002130014** Transcript of ACRS Subcommittee on Systematic Assessment of Experience 900206 meeting in Bethesda, MD re proposed power level increase for plant. Pp 1-147. Supporting info encl. \* ACRS - Advisory Committee on Reactor Safeguards. 90/02/06. 201pp. 52628:182-52628:022.

**P. Operating license stage documents & correspondence**

- 9001310254** Responds to 891130 request for addl info re 890720 response to Generic Ltr 89-08 re long-term erosion/corrosion monitoring program for high-energy carbon steel sys. Program meets NUMARC guidelines described in App A of NUREG-1344. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/17. Document Control Branch (Document Control Desk). 1p. 52503:196-52503:196.
- 9002050058** Confirms that payment of 900102 invoice 10356, electronically transferred to NRC on 900117 for second quarterly installment of FY90 annual fees for operation of facility. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/19. VENSION, L. Office of Administration (Post 890205). 1p. 52548:260-52548:260.
- 9002080340** Forwards requested addl info re rerecking of facility spent fuel pool & release ltr for copyright matl. W/14 oversize drawings. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/19. Document Control Branch (Document Control Desk). 91pp. 52624:107-52624:197.
- 9002120123** Forwards addl info re storing spent fuel, per NRC 891128 & 891205 requests. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/24. Document Control Branch (Document Control Desk). 21pp. 52607:013-52607:033.
- 9002020153** Advises that 880531 response to Generic Ltr 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Boundary Components in PWR Plants," fulfills requirements. BRINKMAN, D.S. Project Directorate I-1. 90/01/26. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 52541:205-52541:206.
- 9002020149** Forwards safety evaluation approving licensee 880930 request to increase licensed thermal power level of plant from 2,758 to 3,071.4 MWt. ACRS will review safety evaluation of request at 900206 meeting in Bethesda, MD. BRINKMAN, D.S. Project Directorate I-1. 90/01/29. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 52540:080-52540:104.
- 9002020159** Safety evaluation, authorizing proposed increase in licensed thermal power level of plant from 2,758 to 3,071.4 MWt. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/29. 23pp. 52540:082-52540:104.
- 9002060299** Advises that until 891027 response to Generic Ltr 88-20 re individual plant exams, acceptable. BRINKMAN, D.S. Project Directorate I-1. 90/01/30. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 3pp. 52555:278-52555:280.

**9002070172** Forwards Amend 146 to License DPR-26 & safety evaluation. Amend deletes Tech Spec Action Statement 3.3.A.2.e for boron injection tank flow path heat tracing. BRINKMAN, D.S. Project Directorate I-1. 90/01/30. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 52604:230-52604:237.

**-9002070176** Amend 146 to License DPR-26, deleting Tech Spec Action Statement 3.3.A.2.e for boron injection tank flow path heat tracing. CAPRA, R.A. Project Directorate I-1. 90/01/30. 4pp. 52604:232-52604:235.

**-9002070180** Safety evaluation supporting Amend 146 to License DPR-26. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 2pp. 52604:236-52604:237.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002130001** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util will implement program to visually inspect svc water sys intake structures of both units. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/02/02. Document Control Branch (Document Control Desk). 11pp. 52646:267-52646:277.

**9002150364** Comments on ACRS 900206 meeting re util application for amend to license to authorize power level of 3,071.4 MWt. Results of analyses & evaluations provide ample assurance that safety issues associated w/increased level addressed. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/02/08. BRINKMAN, D.S. Project Directorate I-1. 3pp. 52656:170-52656:172.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002020256** Forwards nonproprietary WCAP-11812 & proprietary WCAP-11811, "Indian Point Unit 2 Evaluation for Tube Vibration Induced Fatigue," per request for addl info re implementation of NRC Bulletin 88-002. Proprietary rept withheld (ref 10CFR2.790). BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/19. Document Control Branch (Document Control Desk). 8pp. 52546:280-52547:079.

**-9002020264** Nonproprietary "Indian Point Unit 2 Evaluation for Tube Vibration Induced Fatigue." CONNORS, H.J., FRICK, T.M., PITTERLET, T.A. Westinghouse Electric Corp. WCAP-11812. 88/05/31. 138pp. 52546:289-52547:066.

**-9002020291** Requests that proprietary WCAP-11811, "Indian Point Unit 2 Tube Fatigue Evaluation," be withheld from public disclosure (ref 10CFR2.790). Affidavit encl. WIESEMANN, R.A. Westinghouse Electric Corp. 88/05/09. MURLEY, T. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 52547:067-52547:079.

**9001310465** Forwards Mgt Meeting Rept 50-247/89-80 on 891220 re status of maint program at plant. Presentation handout also encl. GALLO, R.M. Region 1, Ofc of the Director. 90/01/22. BRAM, S. Consolidated Edison Co. of New York, Inc. 2pp. 52503:312-52503:357.

**-9001310469** Mgt Meeting Rept 50-247/89-80 on 891220. Major areas discussed: status of licensee maint program activities in response to Maint Team Insp Rept 50-247/89-80. GALLO, R.M. Region 1, Ofc of the Director. 90/01/22. 44pp. 52503:314-52503:357.

**9002080035** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Guidance assuring that intermediate core configurations are not be more reactive than analyzed final configurations provided. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52609:123-52609:125.

**9002060009** Forwards Safety Insp Rept 50-247/90-01 on 900102-05. No violations noted. BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/26. BRAM, S. Consolidated Edison Co. of New York, Inc. 2pp. 52556:098-52556:112.

**-9002060011** Insp Rept 50-247/90-01 on 900102-05. No violations noted. Major areas inspected: radiological controls program onsite, including review of status of previously identified items. SHERBINI, S. Region 1, Ofc of the Director. 90/01/23. 13pp. 52556:100-52556:112.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.



## 26 DOCKETED ITEMS

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002130001 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util will implement program to visually inspect svc water sys intake structures of both units. BRAM,S.B. Consolidated Edison Co. of New York, Inc. 90/02/02. Document Control Branch (Document Control Desk). 11pp. 52646:267-52646:277.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Mails Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220231 Forwards Safety Insp Rept 50-247/89-25 on 891211-15.No violations noted. DURR,J.P. Region 1, Ofc of the Director. 90/02/07. BRAM,S. Consolidated Edison Co. of New York, Inc. 2pp. 52671:086-52671:093.

9002220234 Insp Rept 50-247/89-25 on 891211-15.No violations or deviations noted.Major areas inspected:implementation of licensee inservice test program for pumps & valves & util actions in response to Generic Ltr 89-04. GOLLA,J.A., EAPEN,P.K. Region 1, Ofc of the Director. 90/02/07. 6pp. 52671:088-52671:093.

9002220268 Forwards Insp Rept 50-247/89-18 on 890918-29.No violations noted.Response to address concerns re electrical separation in rept required promptly. HODGES,M.W. Region 1, Ofc of the Director. 90/02/07. BRAM,S. Consolidated Edison Co. of New York, Inc. 2pp. 52683:020-52683:040.

9002220271 Insp Rept 50-247/89-18 on 890918-29.No violations noted. Major areas inspected:licensee action to resolve concerns on emergency diesel generator loading during recirculation phase of emergency core cooling. KOSHY,T., LARA,J.F., HOUGHTON,J.R. Region 1, Ofc of the Director. 89/12/18. 19pp. 52683:022-52683:040.

### R. Periodic operating reports & related correspondence

9001310024 Monthly operating rept for Dec 1989 for Indian Point Unit 2. W/900115 ltr. KRIEGER,K., BRAM,S.B. Consolidated Edison Co. of New York, Inc. 89/12/31. 6pp. 52497:254-52497:259.

### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl. HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### V. Operator Examinations

9002140177 Forwards revised NRC Form-398, "Personal Qualifications Statement - Licensee" & NRC Form-398, "Certification of Medical Exam By Facility Licensee." All applications for licenses to be submitted on revised forms by 900201. GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. BRAM,S. Consolidated Edison Co. of New York, Inc. 8pp. 52653:149-52653:156.

## DOCKET 50-249 DRESDEN NUCLEAR POWER STATION, UNIT 3

### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-E0F-1, "Manager of Emergency Operations." CARSON,R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-E0F-25, "Protective Measures Director." CARSON,R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9001300208 Advises that 891222 Rev 29 to security plan consistent w/provisions of 10CFR50.54(p) & acceptable. GREGER,L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH,T.J. Commonwealth Edison Co. 2pp. 52490:262-52490:263.

9002090001 Forwards Safety Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24.No violations noted. GREGER,L.R. Region 3, Ofc of the Director. 90/01/31. REED,C. Commonwealth Edison Co. 2pp. 52599:326-52599:335.

9002090002 Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24.No violations,deficiencies or deviations noted.Major areas inspected:util emergency preparedness program,emergency plan activations,emergency facilities & equipment & training. PATTERSON,J. Region 3, Ofc of the Director. 90/01/30. 8pp. 52599:328-52599:335.

9002150089 Revised EPIPs,including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps. \* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr. SHEMANSKI,P.C. Project Directorate III-2. 89/11/24. KOVACH,T.J. Commonwealth Edison Co. 8pp. 52666:012-52666:019.

9001300432 Application for amends to Licenses DPR-19 & DPR-25,improving & standardizing instrumentation tables and related requirements. SILADY,J.A. Commonwealth Edison Co. 90/01/18. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 22pp. 52494:276-52494:143.

9001300436 Proposed Tech Specs re instrumentation tables. \* Commonwealth Edison Co. 90/01/16. 195pp. 52494:298-52494:143.

9001300241 Forwards revised "Effects of Postulated DC Power Failures on ECCS Availability Quad-Cities Unit 1." Conclusions later evaluated to be applicable to other units.Rept revised to better define review process employed in original analysis. SILADY,J.A. Commonwealth Edison Co. 90/01/22. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52491:265-52492:329.

9002010089 Advises that 891027 response to Generic Ltr 88-20 re individual plant exam approach,methodology & schedule acceptable. SHEMANSKI,P.C. Project Directorate III-2. 90/01/24. KOVACH,T.J. Commonwealth Edison Co. 5pp. 52539:096-52539:100.

9002010063 Discusses util response to Generic Ltr 89-16, "Mark I Containment Hardened Vent." Response indicates that util not committed to install hardened vents on voluntary basis. Plant-specific analysis will be completed. SIEGEL,B.L. Project Directorate III-2. 90/01/26. KOVACH,T.J. Commonwealth Edison Co. 3pp. 52531:114-52531:116.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50,App A,GDC 44,45 & 46 & App B,Section XI. RICHTER,M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120098 Provides addl info re 890929 proposed Tech Specs on ATWS recirculation pump trip high pressure setpoint & surveillance frequencies.Use of GE STS values unwarranted due to adverse impact of lower setpoint on peak pressure. SILADY,J.A. Commonwealth Edison Co. 90/02/01. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52615:185-52615:187.

9002130053 Forwards "Core Operating Limits Rept,Dresden Station Unit 2,Cycle 12,Rev 0" & "Core Operating Limits Rept,Dresden Station Unit 3,Cycle 12,Rev 0." Cycle 12 startup expected on 900210. SILADY,J.A. Commonwealth Edison Co. 90/02/05. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52628:046-52628:090.

9002130062 "Core Operating Limits Rept,Dresden Station,Unit 3,Cycle 12,Rev 0." \* Commonwealth Edison Co. 89/12/31. 21pp. 52628:070-52628:090.

9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50,App B & acceptable. WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/12. REED,C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

### Q. Inspection reports, IE Bulletins & correspondence

9001310173 Responds to NRC 891218 ltr re violation noted in Insp Repts 50-237/89-25 & 50-249/89-25.Corrective action:calibr gas source traceable to NIST ordered & Radiation Protection Procedure 200-3 will be revised by June 1990. KOVACH,T.J. Commonwealth Edison Co. 90/01/15. DAVIS,A.B. Region 3, Ofc of the Director. 3pp. 52503:358-52503:360.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300086 Forwards Safety Insp Repts 50-237/89-26 & 50-249/89-25 on 891202-900105 & 18.No violations noted. SHAFFER,W.D. Region 3, Ofc of the Director. 90/01/18. REED,C. Commonwealth Edison Co. 2pp. 52490:266-52490:280.

9001300089 Insp Repts 50-237/89-26 & 50-249/89-25 on 891202-900105 & 18.No violations or deviations noted.Major areas inspected: previously identified insp items,LERs,plant operations,maint & surveillances & safety assessment/quality verification. HINDS,J.M. Region 3, Ofc of the Director. 90/01/18. 13pp. 52490:268-52490:280.

9002130253 Responds to NRC 891226 ltr re violations noted in Insp Repts 50-237/89-22 & 50-249/89-21.Corrective actions:hourly fire watch initiated per station Admin Technical Requirement 3/4.1.6. KOVACH,T.J. Commonwealth Edison Co. 90/01/25. DAVIS,A.B. Region 3, Ofc of the Director. 5pp. 52634:286-52634:290.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002090001 Forwards Safety Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24.No violations noted. GREGER,L.R. Region 3, Ofc of the Director. 90/01/31. REED,C. Commonwealth Edison Co. 2pp. 52599:326-52599:335.

—9002090002 Insp Repts 50-237/90-02 & 50-249/90-02 on 900109-12 & 24. No violations, deficiencies or deviations noted. Major areas inspected: utility emergency preparedness program, emergency plan activations, emergency facilities & equipment & training.  
PATTERSON, J., BARSS, D., SNELL, W. Region 3, Ofc of the Director. 90/01/30. 8pp. 52599:328-52599:335.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:190-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Mats Licenses." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMESLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

9002220092 Forwards Safety Insp Rept 50-249/89-26 on 891215-900124. No violations noted.  
COOPER, R.W. Region 3, Ofc of the Director. 90/02/08. REED, C. Commonwealth Edison Co. 2pp. 52689:015-52689:023.

—9002220101 Insp Rept 50-249/89-26 on 891215-900124. No violations noted. Major areas inspected: service insp activities including review of program, procedures & observation of work activities.  
SCHAPIKER, J.F., DANIELSON, D.H. Region 3, Ofc of the Director. 90/02/07. 7pp. 52689:017-52689:023.

#### V. Operator Examinations

9001310399 Advises that facility training programs for reactor operator & senior reactor operator received accreditation renewal by INPO in June 1989. Programs developed & maintained using systematic approach to training, per Generic Ltr 87-07.  
SILADY, J.A. Commonwealth Edison Co. 90/01/22. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52497:170-52497:170.

#### DOCKET 50-250 TURKEY POINT PLANT, UNIT 3

#### F. Security, medical, emergency & fire protection plans

9002090021 Forwards summary of 900109 meeting at site re plant status, operational events, maint training & security initiatives. Meeting beneficial & provided better understanding of issues.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 105pp. 52626:145-52626:249.

#### G. Adjudicatory correspondence

9002080126 Request for hearing & petition for leave to intervene re proposed license amend for Turkey Point, Units 3 & 4.\* Forwards TJ Saporito request for hearing & related documents, for appropriate action.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9755. 90/01/22. COTTER, B.P. Atomic Safety and Licensing Board Panel. 3pp. 52537:233-52537:297.

—9002080132 Request for hearing & petition for leave to intervene.\* Requests hearing on NRC consideration of licensee proposed amendments to licenses.  
SAPORITO, T.J. Nuclear Energy Accountability Project. 89/12/27. Office of the Secretary of the Commission. 7pp. 52537:236-52537:242.

—9002080140 Licensee answer in opposition to request for hearing & petition for leave to intervene.\* Nuclear Energy Accountability Project & TJ Saporito 891227 petition does not demonstrate standing to intervene. W/Certificate of Svc.  
FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. 90/01/10. Commissioners. 32pp. 52537:243-52537:274.

—9002080143 Statement for permission to represent.\* Forwards statement from A Weinkle.  
SAPORITO, T.J. Nuclear Energy Accountability Project. 90/01/06. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52537:275-52537:276.

—9002080147 Statement for permission to represent.\* Advises that author voluntarily gives Nuclear Energy Accountability Project & TJ Saporito permission to represent interests in proceeding.  
WEINKLE, A. Affiliation Not Assigned. 90/01/03. 1p. 52537:276-52537:276.

—9002080150 NRC Staff response to request for hearing & petition for leave to intervene of Nuclear Energy Accountability Project & TJ Saporito.\* Petition should be denied on basis of not meeting 10CFR2.714 requirements. W/Certificate of Svc.  
JEHLE, P. Assistant General Counsel for Hearings & Enforcement. 90/01/16. Commissioners. 19pp. 52537:277-52537:295.

—9002080154 Statement for permission to represent.\* Forwards JW Edelson statement.  
SAPORITO, T.J. Nuclear Energy Accountability Project. 90/01/12. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52537:296-52537:297.

—9002080155 Statement for permission to represent.\* Advises that author voluntarily gives Nuclear Energy Accountability Project & TJ Saporito permission to represent interests in proceeding.  
EDELSON, J.W. Affiliation Not Assigned. 90/01/07. 1p. 52537:297-52537:297.

9002080012 Establishment of ASLB to preside in proceeding.\* Board will be comprised of PB Bloch, chairman & GC Anderson & EB Johnson, members. Certificate of Svc encl. Served on 900201.  
COTTER, B.P. Atomic Safety and Licensing Board Panel. #190 9756. 90/01/24. 3pp. 52539:091-52539:093.

9002010030 Assignment of ASLB.\* CN Kohl will be chairman & TS Moore & HA Wilber, members. W/Certificate of Svc. Served on 900126.  
HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 9732. 90/01/25. 3pp. 52445:318-52445:320.

9002010045 Advises that author assigned as chairman & TS Moore & HA Wilber, members to ASLB for license amend proceeding. Related correspondence.  
KOHLE, C.N. Atomic Safety and Licensing Appeal Panel. #190 9733. 90/01/25. Atomic Safety and Licensing Appeal Panel. 1p. 52445:220-52445:220.

9002010015 NRC official hours.\* Advises of hours persons in proceeding may reach ASLB. W/Certificate of Svc. Served on 900126.  
HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 9737. 90/01/26. Office of the General Counsel (Post 860701). 3pp. 52445:322-52445:324.

9002010137 Notice of appeal.\* Appeals Board 890118 granting of licensee motion for summary disposition & dismissal of proceeding. W/Certificate of Svc.  
LORION, J. Center for Nuclear Responsibility. LORION, J. Lorian, J. #190 9750. 90/01/29. Atomic Safety and Licensing Appeal Panel. 2pp. 52444:099-52444:100.

9002080083 Requests that ASLB be included in all certificates of svc & future filings in proceeding. Per 10CFR2.785, ASLB not Commission has delegated authority to decide appeal.  
CALLA, J. Atomic Safety and Licensing Appeal Panel. #190 9772. 90/01/30. SAPORITO, T.J. Nuclear Energy Accountability Project. 1p. 52538:021-52538:021.

9002080042 Forwards licensee amend applications in proceedings, for review. W/o encls.  
JEHLE, P. Assistant General Counsel for Hearings & Enforcement. #190 9791. 90/02/05. BLOCH, P.B., JOHNSON, E.B., ANDERSON, G.C. Atomic Safety and Licensing Board Panel. 1p. 52538:090-52538:090.

9002080093 Memorandum & order (prehearing conference; filing schedule). \* Suggests petitioner address arguments made by applicant & NRC either by filing position or through rebuttal legal argument or both. W/Certificate of Svc. Served on 900206.  
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9797. 90/02/05. Office of the General Counsel (Post 860701). 9pp. 52538:002-52538:010.

9002150077 Notice (limited appearances, prehearing conference). \* Public limited appearance session will be conducted on 900323 at US District Courthouse in Miami, FL. Certificate of Svc encl. Served on 900212.  
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9833. 90/02/08. 3pp. 52606:302-52606:304.

9002220025 Motion for extension of time.\* Requests extension of time to 900320 to file contentions & amended petition due to author prof responsibilities in addition to representing Nuclear Energy Accountability Project. W/Certificate of Svc.  
SAPORITO, T.J. Nuclear Energy Accountability Project. #190 9897. 90/02/08. Atomic Safety and Licensing Board Panel. 4pp. 52637:138-52637:141.

9002150164 Order.\* Consolidates TJ Saporito & Nuclear Energy Accountability Project & Ctr for Nuclear Responsibility appeals from Board 900116 memorandum & order in interest of judicial economy. W/Certificate of Svc. Served on 900212.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9832. 90/02/12. Center for Nuclear Responsibility. 4pp. 52606:050-52606:053.

9002220006 Change to svc list: Florida Power & Light Co.\* Requests that mailing address on svc list for proceeding for Judge EB Johnson be changed as listed. Certificate of Svc encl. Served on 900213.  
MCDOW, J. Atomic Safety and Licensing Board Panel. #190 9882. 90/02/12. JULIAN, E. Docketing & Services Branch. 2pp. 52637:094-52637:095.

9002220091 Offers listed alternative schedule in order for parties to respond to petitioners amended petition prior to 900323 prehearing conference. TJ Vigil & HF Reis 900212 notices of appearance & Certificate of Svc encl.  
FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. #190 9896. 90/02/12. BLOCH, P.B., ANDERSON, G.C., JOHNSON, E.B. Atomic Safety and Licensing Board Panel. 7pp. 52637:204-52637:210.

9002220083 Memorandum & order (extension of time). \* Grants TJ Saporito & Nuclear Energy Accountability Project 900208 request for extension of time until 900301 to file amended petitions & contentions. W/Certificate of Svc. Served on 900215.  
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9892. 90/02/13. Nuclear Energy Accountability Project. 4pp. 52637:200-52637:203.

#### H. General correspondence

9001290027 Responds to 891130 ltr re constituent JW Edelson concern w/ poor performance of util, safety of facilities & embrittlement of reactor vessels. Embrittlement not currently safety problem at facilities. SALP repts encl.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/22. GRAHAM, B. Senate. 8pp. 52453:175-52453:224.

—9001290030 Forwards constituent JW Edelson 891108 request for support in forcing shutdown of facilities because of safety violations. Util should be forced to replace reactor vessels damaged by radiation.  
GRAHAM, B. Senate. 89/11/30. KAMMERER, C. NRC - No Detailed Affiliation Given. 4pp. 52453:221-52453:224.

9001300097 Responds to 901205 ltr forwarding constituent JW Edelson 891108 ltr raising concerns re safety of plant & requesting support for plant shutdown. Improvements noted in plant equipment, licensee mgt & engineering programs.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/22. FASCELL, D.B. House of Rep. 8pp. 52489:142-52489:187.

—9001300107 Forwards constituent JW Edelson 891108 ltr expressing concerns re plant operation & requesting congressional support to force plant shutdown due to safety violations. Response requested.  
FASCELL, D.B. House of Rep. 89/12/05. BACH, C.L. Congressional Affairs. 2pp. 52489:186-52489:187.

## 28 DOCKETED ITEMS

**9001300482** Responds to 891229 petition requesting that NRC immediately investigate root cause of recent trips, impose escalated civil penalty & immediately terminate OLS if investigation reveals trips could have been prevented. Requests denied.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. SAPORITO, T.J. Nuclear Energy Accountability Project. 9pp. 52490:073-52490:085.

**-9001300487** Forwards TJ Saporito 891229 petition requesting NRC actions, including that NRC immediately investigate & determine root cause of reactor trips on or about 891225 at plant. Draft ltr of ack & draft FR notice also encl. W/o addl stated encls.  
GOLDBERG, J.H. Enforcement Branch. 90/01/11. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52490:082-52490:083.

**-9001300489** Requests NRC actions, including immediate investigation of recent trips at plant to determine root cause of events & imposition of escalated civil penalty in trips due to poor maint practices or incorrect operations, per 10CFR2.206 & 2.  
SAPORITO, T.J. Nuclear Energy Accountability Project. 89/12/29. Ofc of the Executive Director for Operations. 2pp. 52490:084-52490:085.

**9002230066** Responds to 891219 ltr to Congressman H Johnston raising concerns re plant operation. NRC monitoring plant closely based on past poor performance. Latest SALP indicates plant operated w/improved level of performance. W/o SALP rept.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. CAPRON, K. Affiliation Not Assigned. 3pp. 52701:106-52701:119.

**-9002230068** Responds to 891229 ltr to Congressman H Johnston raising concerns re plant operation. NRC monitoring plant closely based on past poor performance. Latest SALP indicates plant operated w/improved level of performance. W/o SALP rept.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. STOLLER, S. Affiliation Not Assigned. 2pp. 52701:109-52701:110.

**-9002230072** Responds to 891220 ltr to Congressman H Johnston raising concerns re plant operation. NRC monitoring plant closely based on past poor performance. Latest SALP indicates plant operated w/improved level of performance. W/o SALP rept.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. BERNSTEIN, A. Affiliation Not Assigned. 4pp. 52701:111-52701:114.

**-9002230075** Forwards constituents A Bernstein, S Stuller & K Capron ltrs raising concern re plant operation & safety. Response requested.  
JOHNSTON, H. House of Rep. 90/01/08. CARR, K. Commissioners. 5pp. 52701:115-52701:119.

### P. Operating license stage documents & correspondence

**9002090021** Forwards summary of 900109 meeting at site re plant status, operational events, maint training & security initiatives. Meeting beneficial & provided better understanding of issues.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 105pp. 52626:145-52626:249.

**9002050077** Informs of plans to apply ASME Code Case N-356 at plants to allow certification period to be extended to 5 yrs. Rev to inservice insp programs will include use of code case.  
ACOSTA, R.J. Florida Power & Light Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52542:001-52542:001.

**9002090074** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommendation of sampling of water & substrate for asiatic clams not applicable due to marine environ.  
GOLDBERG, J.H. Florida Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52626:111-52626:117.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002150299** Application for amends to Licenses DPR-31 & DPR-41, replacing specific composition list w/more general statement defining composition of company nuclear review board & specifying requisite level of technical & operational expertise.  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52675:220-52675:228.

**-9002150340** Proposed Tech Specs re function & composition of company nuclear review board.  
\* Florida Power & Light Co. 90/02/07. 3pp. 52675:226-52675:228.

**9002230246** Advises that approach, methodology & schedule for addressing Generic Ltr 88-20, "Individual Plant Exams," described in 891031 ltr, acceptable. NRC should be notified of schedule changes.  
EDISON, G.E. Project Directorate II-2. 90/02/14. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52702:272-52702:274.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002090084** Forwards Exam Rept 50-250/OL-89-03 of exams administered on 891106-09 for Units 3 & 4.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/19. GOLDBERG, J.H. Florida Power & Light Co. 2pp. 52613:197-52613:313.

**-9002090094** Exam Rept 50-250/OL-89-03 on 891106-09 for Units 3 & 4. Exam results: five radiation officers & three senior radiation officers passed exam.  
MOORMAN, J.H., CASTO, C.A. Region 2, Ofc of the Director. 90/01/19. 115pp. 52613:199-52613:313.

**-9002150059** Forwards recommendations for revising seven exam questions & answers based on review following 891106 reactor & senior reactor operator licensing exam.  
HARRIS, K.N. Florida Power & Light Co. 89/11/16. CASTO, C. Region 2, Ofc of the Director. 37pp. 52613:314-52613:351.

**9002010244** Forwards Insp Repts 50-250/89-52 & 50-251/89-52 on 891202-22 & notice of violation.  
REYES, L.A. Region 2, Ofc of the Director. 90/01/22. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52515:072-52515:095.

**-9002010245** Notice of violation from insp on 891202-22. Violations noted: liquid release performed resulted in inadvertent release of B monitor tank liquid waste for which no liquid release permit issued.  
REYES, L.A. Region 2, Ofc of the Director. 90/01/22. 2pp. 52515:075-52515:076.

**-9002010246** Insp Repts 50-250/89-52 & 50-251/89-52 on 891202-22. Violations noted. Major areas inspected: monthly surveillance & maint observations, operational safety, fitness for duty training & plant events.  
BUTCHER, R.C., MCELHINNEY, T.F., SCHNEBLI, G.A. Region 2, Ofc of the Director. 90/01/22. 19pp. 52515:077-52515:095.

**9001310516** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Plant procedures changed to address use of FAST & will be completed & implemented by 900315.  
GOLDBERG, J.H. Florida Power & Light Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52497:260-52497:262.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002070202** Responds to Deficiencies 89-203-10, 89-203-13, 89-203-14, 89-203-15, 89-203-16, 89-203-18, 89-203-20 & 89-203-23 noted in Insp Repts 50-250/89-203 & 50-251/89-203. Corrective actions: commitment to verify component design requirements made.  
HARRIS, K.N. Florida Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 17pp. 52587:032-52587:048.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002130210** Forwards Insp Repts 50-250/89-48 & 50-251/89-48 on 891030-1117 & notice of violation.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/31. GOLDBERG, J.H. Florida Power & Light Co. 5pp. 52647:250-52647:291.

**-9002130215** Notice of violation from insp on 891030-1117. Violation noted: Operating Diagrams 5610-T-E-4501, Sheet 1 & 4510, Sheet 2 contained errors.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/31. 1p. 52647:255-52647:255.

**-9002130217** Insp Repts 50-250/89-48 & 50-251/89-48 on 891030-1117. Violations noted. Major areas inspected: corrective actions in response to NRC Maint Team Insp Repts 50-250/88-21 & 50-251/88-32 on 881128-1216 re assessment commitments.  
GIRARD, E., HALLSTROM, G., BLAKE, J. Region 2, Ofc of the Director. 90/01/10. 36pp. 52647:256-52647:291.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

**9002130028** Forwards response to violations noted in Insp Repts 50-250/89-51 & 50-251/89-51. Response withheld (ref 10CFR2.790 (a)(3)).  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52628:045-52628:045.

### R. Periodic operating reports & related correspondence

**9002230302** Monthly operating repts for Jan 1990 for Turkey Point Units 3 & 4. W/ 900214 ltr.  
BONETT, D.M., HARRIS, K.N. Florida Power & Light Co. 90/01/31. 9pp. 52716:295-52716:303.

### S. Reportable occurrences, LERs & related correspondence

**9002120044** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1. Westinghouse identified other plants using similar switches & informed licensees of potential resolutions noted in stated encls.  
NOVAK, T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 10pp. 52627:096-52627:105.

**9002130387** LER 90-001-00: on 900112, liquid effluent process radiation monitor R-18 channel failed & chart recorder read off-scale high. Caused by lock-up of central processing unit card. Power supply & processor & timer card replaced. W/900206 ltr.  
POWELL, D.R., HARRIS, K.N. Florida Power & Light Co. 90/02/06. 5pp. 52637:007-52637:011.

**9002230044** LER 90-002-00: on 900118, discovered that post-maint testing not performed on Phase A containment isolation valve CV-3-6275B after adjusting valve stem packing. Caused by personnel error. Personnel counseled. W/900214 ltr. POWELL, D.R., HARRIS, K.N. Florida Power & Light Co. 90/02/14. 4pp. 52713:107-52713:110.

#### V. Operator Examinations

**9002090084** Forwards Exam Rept 50-250/OL-89-03 of exams administered on 891106-09 for Units 3 & 4. PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/19. GOLDBERG, J.H. Florida Power & Light Co. 2pp. 52613:197-52613:313.

—**9002090094** Exam Rept 50-250/OL-89-03 on 891106-09 for Units 3 & 4. Exam results: five radiation officers & three senior radiation officers passed exam. MOORMAN, J.H., CASTO, C.A. Region 2, Ofc of the Director. 90/01/19. 115pp. 52613:199-52613:313.

—**9002150059** Forwards recommendations for revising seven exam questions & answers based on review following 891106 reactor & senior reactor operator licensing exam. HARRIS, K.N. Florida Power & Light Co. 89/11/16. CASTO, C. Region 2, Ofc of the Director. 37pp. 52613:314-52613:351.

#### DOCKET 50-251 TURKEY POINT PLANT, UNIT 4

#### F. Security, medical, emergency & fire protection plans

**9002090021** Forwards summary of 900109 meeting at site re plant status, operational events, maint training & security initiatives. Meeting beneficial & provided better understanding of issues. EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 105pp. 52626:145-52626:249.

#### G. Adjudicatory correspondence

**9002080126** Request for hearing & petition for leave to intervene re proposed license amend for Turkey Point, Units 3 & 4.\* Forwards TJ Saporito request for hearing & related documents, for appropriate action. CHILK, S.J. Office of the Secretary of the Commission. #190 9755. 90/01/22. COTTER, B.P. Atomic Safety and Licensing Board Panel. 3pp. 52537:233-52537:297.

—**9002080132** Request for hearing & petition for leave to intervene.\* Requests hearing on NRC consideration of licensee proposed amendments to licenses. Saporito, T.J. Nuclear Energy Accountability Project. 89/12/27. Office of the Secretary of the Commission. 7pp. 52537:236-52537:242.

—**9002080140** Licensee answer in opposition to request for hearing & petition for leave to intervene.\* Nuclear Energy Accountability Project & TJ Saporito 891227 petition does not demonstrate standing to intervene. W/Certificate of Svc. FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. 90/01/10. Commissioners. 32pp. 52537:243-52537:274.

—**9002080143** Statement for permission to represent.\* Forwards statement from A Weinkle. Saporito, T.J. Nuclear Energy Accountability Project. 90/01/06. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52537:275-52537:276.

—**9002080147** Statement for permission to represent.\* Advises that author voluntarily given Nuclear Energy Accountability Project & TJ Saporito permission to represent interests in proceeding. WEINKLE, A. Affiliation Not Assigned. 90/01/03. 1p. 52537:276-52537:276.

—**9002080150** NRC Staff response to request for hearing & petition for leave to intervene of Nuclear Energy Accountability Project & TJ Saporito.\* Petition should be denied on basis of not meeting 10CFR2.714 requirements. W/Certificate of Svc. JEHL, P. Assistant General Counsel for Hearings & Enforcement. 90/01/16. Commissioners. 19pp. 52537:277-52537:295.

—**9002080154** Statement for permission to represent.\* Forwards JW Edelson statement. Saporito, T.J. Nuclear Energy Accountability Project. 90/01/12. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52537:296-52537:297.

—**9002080155** Statement for permission to represent.\* Advises that author voluntarily given Nuclear Energy Accountability Project & TJ Saporito permission to represent interests in proceeding. EDELSON, J.W. Affiliation Not Assigned. 90/01/07. 1p. 52537:297-52537:297.

**9002080012** Establishment of ASLAB to preside in proceeding.\* Board will be comprised of PB Bloch, chairman & GC Anderson & EB Johnson, members. Certificate of Svc encl. Served on 900201. COTTER, B.P. Atomic Safety and Licensing Board Panel. #190 9756. 90/01/24. 3pp. 52539:091-52539:093.

**9002010030** Assignment of ASLAB.\* CN Kohl will be chairman & TS Moore & HA Wilber, members. W/Certificate of Svc. Served on 900126. HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 9732. 90/01/25. 3pp. 52445:318-52445:320.

**9002010045** Advises that author assigned as chairman & TS Moore & HA Wilber, members to ASLAB for license amend proceeding. Related correspondence. KOHL, C.N. Atomic Safety and Licensing Appeal Panel. #190 9733. 90/01/25. Atomic Safety and Licensing Appeal Panel. 1p. 52445:220-52445:220.

**9002010015** NRC official hours.\* Advises of hours persons in proceeding may reach ASLAB. W/Certificate of Svc. Served on 900126. HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 9737. 90/01/26. Office of the General Counsel (Post 860701). 3pp. 52445:322-52445:324.

**9002010137** Notice of appeal.\* Appeals Board 890118 granting of licensee motion for summary disposition & dismissal of proceeding. W/Certificate of Svc. LORION, J. Center for Nuclear Responsibility. LORION, J. Lorian, J. #190 9750. 90/01/29. Atomic Safety and Licensing Appeal Panel. 2pp. 52444:099-52444:100.

**9002080083** Requests that ASLAB be included in all certificates of svc & future filings in proceeding. Per 10CFR2.785, ASLAB not Commission has delegated authority to decide appeal. CALI, A.J. Atomic Safety and Licensing Appeal Panel. #190 9772. 90/01/30. Saporito, T.J. Nuclear Energy Accountability Project. 1p. 52538:021-52538:021.

**9002080042** Forwards licensee amend applications in proceedings, for review. W/o encls. JEHL, P. Assistant General Counsel for Hearings & Enforcement. #190 9791. 90/02/05. BLOCH, P.B., JOHNSON, E.B., ANDERSON, G.C. Atomic Safety and Licensing Board Panel. 1p. 52538:090-52538:090.

**9002080093** Memorandum & order (prehearing conference; filing schedule). \* Suggests petitioner address arguments made by applicant & NRC either by filing position or through rebuttal legal argument or both. W/Certificate of Svc. Served on 900206. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9797. 90/02/05. Office of the General Counsel (Post 860701). 9pp. 52538:002-52538:010.

**9002150077** Notice (limited appearances, prehearing conference). \* Public limited appearance session will be conducted on 900323 at US District Courthouse in Miami, FL. Certificate of Svc encl. Served on 900212. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9833. 90/02/08. 3pp. 52606:302-52606:304.

**9002220025** Motion for extension of time.\* Requests extension of time to 900320 to file contentions & amended petition due to author prof responsibilities in addition to representing Nuclear Energy Accountability Project. W/Certificate of Svc. Saporito, T.J. Nuclear Energy Accountability Project. #190 9897. 90/02/08. Atomic Safety and Licensing Board Panel. 4pp. 52637:138-52637:141.

**9002150164** Order.\* Consolidates TJ Saporito & Nuclear Energy Accountability Project & Ctr for Nuclear Responsibility appeals from Board 900116 memorandum & order in interest of judicial economy. W/Certificate of Svc. Served on 900212. TOMPKINS, E.A. Atomic Safety and Licensing Appeal Panel. #190 9832. 90/02/12. Center for Nuclear Responsibility. 4pp. 52606:050-52606:053.

**9002220006** Change to svc list: Florida Power & Light Co.\* Requests that mailing address on svc list for proceeding for Judge EB Johnson be changed as listed. Certificate of Svc encl. Served on 900213. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 9882. 90/02/12. JULIAN, E. Docketing & Services Branch. 2pp. 52637:094-52637:095.

**9002220091** Offers listed alternative schedule in order for parties to respond to petitioners amended petition prior to 900323 prehearing conference. TJ Vigil & HF Reis 900212 notices of appearance & Certificate of Svc encl. FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. #190 9896. 90/02/12. BLOCH, P.B., ANDERSON, G.C., JOHNSON, E.B. Atomic Safety and Licensing Board Panel. 7pp. 52637:204-52637:210.

**9002220083** Memorandum & order (extension of time). \* Grants TJ Saporito & Nuclear Energy Accountability Project 900208 request for extension of time until 900301 to file amended petitions & contentions. W/Certificate of Svc. Served on 900215. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9892. 90/02/13. Nuclear Energy Accountability Project. 4pp. 52637:200-52637:203.

#### H. General correspondence

**9001290027** Responds to 891130 ltr re constituent JW Edelson concern w/ poor performance of util, safety of facilities & embrittlement of reactor vessels. Embrittlement not currently safety problem at facilities. SALP repts encl. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/22. GRAHAM, B. Senate. 8pp. 52453:175-52453:224.

—**9001290030** Forwards constituent JW Edelson 891108 request for support in forcing shutdown of facilities because of safety violations. Util should be forced to replace reactor vessels damaged by radiation. GRAHAM, B. Senate. 89/11/30. KAMMERER, C. NRC - No Detailed Affiliation Given. 4pp. 52453:221-52453:224.

**9001300097** Responds to 901205 ltr forwarding constituent JW Edelson 891108 ltr raising concerns re safety of plant & requesting support for plant shutdown. Improvements noted in plant equipment, licensee mgt & engineering programs. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/22. FASCELL, D.B. House of Rep. 8pp. 52489:142-52489:187.

—**9001300107** Forwards constituent JW Edelson 891108 ltr expressing concerns re plant operation & requesting congressional support to force plant shutdown due to safety violations. Response requested. FASCELL, D.B. House of Rep. 89/12/05. BACH, C.L. Congressional Affairs. 2pp. 52489:186-52489:187.

**9001300482** Responds to 891229 petition requesting that NRC immediately investigate root cause of recent trips, impose escalated civil penalty & immediately terminate OLs if investigation reveals trips could have been prevented. Requests denied. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. Saporito, T.J. Nuclear Energy Accountability Project. 9pp. 52490:073-52490:085.

—**9001300487** Forwards TJ Saporito 891229 petition requesting NRC actions, including that NRC immediately investigate & determine root cause of reactor trips on or about 891225 at plant. Draft ltr of ack & draft FR notice also encl. W/o addl stated encls. GOLDBERG, J.R. Enforcement Branch. 90/01/11. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52490:082-52490:083.

—**9001300489** Requests NRC actions, including immediate investigation of recent trips at plant to determine root cause of events & imposition of escalated civil penalty in trips due to poor maint practices or incorrect operations, per 10CFR2.206 & 2. Saporito, T.J. Nuclear Energy Accountability Project. 89/12/28. Ofc of the Executive Director for Operations. 2pp. 52490:084-52490:085.

**9002230068** Responds to 891219 ltr to Congressman H Johnston raising concerns re plant operation. NRC monitoring plant closely based on past poor performance. Latest SALP indicates plant operated w/ improved level of performance. W/o SALP rept. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. CAPRON, K. Affiliation Not Assigned. 3pp. 52701:106-52701:119.



## 30 DOCKETED ITEMS

—9002230068 Responds to 891229 ltr to Congressman H Johnston raising concerns re plant operation.NRC monitoring plant closely based on past poor performance.Latest SALP indicates plant operated w/improved level of performance.W/o SALP rept. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. STOLLER,S. Affiliation Not Assigned. 2pp. 52701:109-52701:110.

—9002230072 Responds to 891220 ltr to Congressman H Johnston raising concerns re plant operation.NRC monitoring plant closely based on past poor performance.Latest SALP indicates plant operated w/improved level of performance.W/o SALP rept. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. BERNSTEIN,A. Affiliation Not Assigned. 4pp. 52701:111-52701:114.

—9002230075 Forwards constituents A Bernstein,S Stuller & K Capron ltrs raising concern re plant operation & safety.Response requested. JOHNSTON,H. House of Rep. 90/01/08. CARR,K. Commissioners. 5pp. 52701:115-52701:119.

### P. Operating license stage documents & correspondence

9002090021 Forwards summary of 900109 meeting at site re plant status, operational events,maint training & security initiatives. Meeting beneficial & provided better understanding of issues. EBNETER,S.D. Region 2, Ofc of the Director. 90/01/23. GOLDBERG,J.H. Florida Power & Light Co. 105pp. 52626:145-52626:249.

9002050077 Informs of plans to apply ASME Code Case N-356 at plants to allow certification period to be extended to 5 yrs.Rev to inservice insp programs will include use of code case. ACOSTA,R.J. Florida Power & Light Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52542:001-52542:001.

9002090074 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommendation of sampling of water & substrate for asiatic claims not applicable due to marine environ. GOLDBERG,J.H. Florida Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52626:111-52626:117.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002150299 Application for amends to Licenses DPR-31 & DPR-41,replacing specific composition list w/more general statement defining composition of company nuclear review board & specifying requisite level of technical & operational expertise. GOLDBERG,J.H. Florida Power & Light Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52675:220-52675:228.

—9002150340 Proposed Tech Specs re function & composition of company nuclear review board. \* Florida Power & Light Co. 90/02/07. 3pp. 52675:226-52675:228.

9002230246 Advises that approach,methodology & schedule for addressing Generic Ltr 88-20, "Individual Plant Exams," described in 891031 ltr,acceptable.NRC should be notified of schedule changes. EDISON,G.E. Project Directorate II-2. 90/02/14. GOLDBERG,J.H. Florida Power & Light Co. 3pp. 52702:272-52702:274.

### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002090084 Forwards Exam Rept 50-250/OL-89-03 of exams administered on 891106-09 for Units 3 & 4. PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/19. GOLDBERG,J.H. Florida Power & Light Co. 2pp. 52613:197-52613:313.

—9002090094 Exam Rept 50-250/OL-89-03 on 891106-09 for Units 3 & 4. Exam results:five radiation officers & three senior radiation officers passed exam. MOORMAN,J.H. Region 2, Ofc of the Director. 90/01/19. 115pp. 52613:199-52613:313.

—9002150059 Forwards recommendations for revising seven exam questions & answers based on review following 891106 reactor & senior reactor operator licensing exam. HARRIS,K.N. Florida Power & Light Co. 89/11/16. CASTO,C. Region 2, Ofc of the Director. 37pp. 52613:314-52613:351.

9002010244 Forwards Insp Repts 50-250/89-52 & 50-251/89-52 on 891202-22 & notice of violation. REYES,L.A. Region 2, Ofc of the Director. 90/01/22. GOLDBERG,J.H. Florida Power & Light Co. 3pp. 52515:072-52515:095.

—9002010245 Notice of violation from Insp on 891202-22.Violations noted: liquid release performed resulted in inadvertent release of B monitor tank liquid waste for which no liquid release permit issued. REYES,L.A. Region 2, Ofc of the Director. 90/01/22. 2pp. 52515:075-52515:076.

—9002010246 Insp Repts 50-250/89-52 & 50-251/89-52 on 891202-22. Violations noted.Major areas inspected:monthly surveillance & maint observations,operational safety,fitness for duty training & plant events. BUTCHER,R.C. MOELHINNEY,T.F., SCHNEBLI,G.A. Region 2, Ofc of the Director. 90/01/22. 19pp. 52515:077-52515:095.

9001310516 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Plant procedures changed to address use of FAST & will be completed & implemented by 900315. GOLDBERG,J.H. Florida Power & Light Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52497:260-52497:262.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002070202 Responds to Deficiencies 89-203-10,89-203-13,89-203-14, 89-203-15,89-203-16,89-203-18,89-203-20 & 89-203-23 noted in Insp Repts 50-250/89-203 & 50-251/89-203.Corrective actions: commitment to verify component design requirements made. HARRIS,K.N. Florida Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 17pp. 52587:032-52587:048.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:226-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:462.

9002130210 Forwards Insp Repts 50-250/89-48 & 50-251/89-48 on 891030-1117 & notice of violation. GIBSON,A.F. Region 2, Ofc of the Director. 90/01/31. GOLDBERG,J.H. Florida Power & Light Co. 5pp. 52647:250-52647:291.

—9002130215 Notice of violation from insp on 891030-1117.Violation noted:Operating Diagrams 5610-T-E-4501,Sheet 1 & 4510,Sheet 2 contained errors. GIBSON,A.F. Region 2, Ofc of the Director. 90/01/31. 1p. 52647:255-52647:255.

—9002130217 Insp Repts 50-250/89-48 & 50-251/89-48 on 891030-1117. Violations noted.Major areas inspected:corrective actions in response to NRC Maint Team Insp Repts 50-250/88-21 & 50-251/88-32 on 881128-1216 re assessment commitments. GIRARD,E., HALLSTROM,G., BLAKE,J. Region 2, Ofc of the Director. 90/01/10. 36pp. 52647:256-52647:291.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130028 Forwards response to violations noted in Insp Repts 50-250/89-51 & 50-251/89-51.Response withheld (ref 10CFR2.790 (a)(3)). GOLDBERG,J.H. Florida Power & Light Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52628:045-52628:045.

### R. Periodic operating reports & related correspondence

9002230302 Monthly operating repts for Jan 1990 for Turkey Point Units 3 & 4.W/ 900214 ltr. BONETT,D.M., HARRIS,K.N. Florida Power & Light Co. 90/01/31. 9pp. 52716:295-52716:303.

### S. Reportable occurrences, LERs & related correspondence

9002120044 Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1.Westinghouse identified other plants using similar switches & informed licensees of potential resolutions noted in stated encls. NOVAK,T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 10pp. 52627:096-52627:105.

### V. Operator Examinations

9002090084 Forwards Exam Rept 50-250/OL-89-03 of exams administered on 891106-09 for Units 3 & 4. PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/19. GOLDBERG,J.H. Florida Power & Light Co. 2pp. 52613:197-52613:313.

—9002090094 Exam Rept 50-250/OL-89-03 on 891106-09 for Units 3 & 4. Exam results:five radiation officers & three senior radiation officers passed exam. MOORMAN,J.H., CASTO,C.A. Region 2, Ofc of the Director. 90/01/19. 115pp. 52613:199-52613:313.

—9002150059 Forwards recommendations for revising seven exam questions & answers based on review following 891106 reactor & senior reactor operator licensing exam. HARRIS,K.N. Florida Power & Light Co. 89/11/16. CASTO,C. Region 2, Ofc of the Director. 37pp. 52613:314-52613:351.

### DOCKET 50-254 QUAD-CITIES STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations." CARSON,R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director." CARSON,R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9001300205 Advises that 891222 Rev 22 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGER,L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH,T.J. Commonwealth Edison Co. 2pp. 52490:297-52490:298.

9001310524 Rev 4 to EPIP QEP 400-S2, "Site Evacuation Checklist."  
\* Commonwealth Edison Co. 90/01/14. 11pp. 52498:138-52498:148.

9002010187 Revised emergency procedures,consisting of Rev 3 to QEP 125-0, "Administrative Director" & Rev 3 to QEP 125-S3, "Administrative Director General Emergency Checklist."  
\* Commonwealth Edison Co. 90/01/14. 7pp. 52512:353-52512:360.

9002120020 Revised EPIPs,including Rev 3 to QEP 400-T3 & Rev 8 to QAP 1100-T5.  
\* Commonwealth Edison Co. 90/01/22. 3pp. 52617:311-52617:313.

9002120022 Revised procedures,including Rev 5 to QEP 600-0 & Rev 3 to QEP 600-S7.  
\* Commonwealth Edison Co. 90/01/25. 5pp. 52630:356-52630:360.

9002150089 Revised EPIPs,including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

#### K. Utility Final Safety Analysis Report (FSAR) & amends

9001290214 Revs 5 & 6 to updated FSAR for Quad Cities Station,Units 1 & 2.W/ 900116 ltrs.  
STOLS,R. Commonwealth Edison Co. 90/01/16. 225pp. 52466:156-52467:105.

#### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI,P.C. Project Directorate III-2. 89/11/24. KOVACH,T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

9001300241 Forwards revised "Effects of Postulated DC Power Failures on ECCS Availability Quad-Cities Unit 1." Conclusions later evaluated to be applicable to other units.Rept revised to better define review process employed in original analysis.  
SILADY,J.A. Commonwealth Edison Co. 90/01/22. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52491:265-52492:329.

-9001300248 Revised "Effects of Postulated DC Power Failures on ECCS Availability Quad-Cities Unit 1."  
\* Sargent & Lundy, Inc. 89/04/10. 400pp. 52491:267-52492:329.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50,App A,GDC 44.45 & 46 & App B,Section XI.  
RICHTER,M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52556:009.

9002080145 Identifies scheduler change for completion of corrective actions associated w/Human Engineering Deficiencies 159,187 & 489 re escutcheon plates for control switches which need replacement.Plates will be replaced during outages.  
STOLS,R. Commonwealth Edison Co. 90/01/30. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52589:052-52589:052.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002070035 Accepts util 891030 response to Generic Ltr 89-16 re intention to install hardened wetwell vent at plant by 930101,per BWR Owners Group design criteria to be approved by NRC.  
ROSS,T.M. Project Directorate III-1. 90/02/01. KOVACH,T.J. Commonwealth Edison Co. 4pp. 52626:024-52626:027.

9002220282 Forwards "Reactor Containment Bldg Integrated Leak Rate Test,Quad Cities Nuclear Power Station,Unit 1,891114-15." Next Type A test scheduled for Fall 1990.  
BAX,R.L. Commonwealth Edison Co. 90/02/06. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52666:297-52667:018.

-9002220285 "Reactor Containment Bldg Integrated Leak Rate Test,Quad Cities Nuclear Power Station Unit 1,891114-15."  
\* Commonwealth Edison Co. 90/02/06. 81pp. 52666:298-52667:018.

9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50,App B & acceptable.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/12. REED,C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

#### Q. Inspection reports, IE Bulletins & correspondence

9002020094 Responds to NRC 891128 ltr re violations noted in Insp Repts 50-254/89-17 & 50-265/89-17.Corrective actions:Procedure NSWP-E-01, "Electrical Cable Installation Insp." will be revised to enhance human factor aspect.  
KOVACH,T.J. Commonwealth Edison Co. 90/01/16. DAVIS,A.B. Region 3, Ofc of the Director. 14pp. 52526:068-52526:081.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002160027 Confirms plans discussed between R Stols & D Jones to have meeting at plant on 900222 to present initial SALP 8 rept.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/06. REED,C. Commonwealth Edison Co. 2pp. 52669:039-52669:040.

9002130194 Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

-8907270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### R. Periodic operating reports & related correspondence

9002220223 Forwards listing of changes,tests & experiments completed during Jan 1990,including items completed in 1989. Interlocks installed on refuel bridge fuel handling machine to prevent raising hoist while hoist loaded.  
ROBEY,R.A. Commonwealth Edison Co. 90/02/02. Office of Nuclear Reactor Regulation, Director (Post 870411). 12pp. 52695:292-52695:303.

#### V. Operator Examinations

9002090087 Advises of receipt of accreditation renewal by INPO in Sept 1989 for operator requalification training program,per Generic Ltr 87-07 requirements & informs that programs developed using systematic approach to training.  
STOLS,R. Commonwealth Edison Co. 90/01/22. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52615:073-52615:073.

#### DOCKET 50-255 PALISADES NUCLEAR PLANT

#### F. Security, medical, emergency & fire protection plans

9001300103 Forwards Safety Insp Rept 50-255/89-31 on 891114-1226.No violations noted.  
AXELSON,W.L. Region 3, Ofc of the Director. 90/01/12. HOFFMAN,D.P. Consumers Power Co. 2pp. 52490:250-52490:261.

-9001300109 Insp Rept 50-255/89-31 on 891114-1226.No violations noted. Major areas inspected:plant operations,maint,surveillance, security,reportable events,bulletins & info notices.  
BURGESS,B.L. Region 3, Ofc of the Director. 90/01/11. 10pp. 52490:252-52490:261.

9002080373 Rev 2 to EPIP EI-15.2,Attachment 2, "Quarterly Communications Test Telephone Number Verifications."  
\* Consumers Power Co. 90/01/26. 4pp. 52558:346-52558:349.

9002080377 Rev 2 to EPIP EI-15.2,Attachment 1, "Monthly Communications Test."  
\* Consumers Power Co. 90/01/26. 2pp. 52559:032-52559:033.

9002150051 Rev & approval summary of Rev to Section 9, "Site Emergency Plan."  
\* Consumers Power Co. 90/01/29. 2pp. 52656:208-52656:209.

9002120108 Forwards addl info re NRC Bulletin 79-15,per NRC 891003 request.Recent rev of surveillance procedures used to verify pump & driver operability attached.  
FRISCH,R.R. Consumers Power Co. 90/01/30. Document Control Branch (Document Control Desk). 25pp. 52624:198-52624:291.

-9002120112 "Fire Water Pumps."  
PHILLIPS,L.T. Consumers Power Co. 89/05/30. 17pp. 52624:223-52624:239.

-9002120113 "Fire Suppression Water Sys Functional Test & Pump Capacity."  
WALLS,C.S. Consumers Power Co. 89/02/15. 52pp. 52624:240-52624:291.

9002230461 Rev & approval summary to Rev 5 to EI-11, "Determination of Extent of Core Damage," reflecting periodic review.  
\* Consumers Power Co. 90/02/05. 2pp. 52702:348-52702:349.

9002220210 Forwards Physical Security Insp Rept 50-255/90-04 on 900122-26.No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director. 90/02/07. HOFFMAN,D.P. Consumers Power Co. 2pp. 52689:134-52689:139.

## 32 DOCKETED ITEMS

—9002220216 Physical Security Insp Rept 50-255/90-04 on 900122-26.No violations noted.Major areas inspected:vital area barriers, access control-personnel,packages & vehicles,alarm stations,communications & power supply,testing & maint.  
KNICELY,J.R., CREED,J.R. Region 3, Ofc of the Director. 90/02/07. 4pp. 52689:136-52689:139.

### P. Operating license stage documents & correspondence

9002080165 Forwards plant approach to licensing of restructured Tech Specs.Major effort undertaken to develop approach which NRC & util can compare present & proposed requirements,show deletions,additions & justify differences.  
KUEMIN,J.L. Consumers Power Co. 90/01/26. Document Control Branch (Document Control Desk). 28pp. 52594:053-52594:080.

9002120116 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Periodic predetermined activity control will be initiated to inspect svc water pump intake bay for biofouling each refueling outage by divers.  
BERRY,K.W. Consumers Power Co. 90/01/26. Document Control Branch (Document Control Desk). 11pp. 52617:256-52617:266.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220316 Summary of 900124 meeting w/util & Liberty Technology in Orlando,FL re NRC analysis of PORV & block valve tests.List of attendees & data plots encl.  
DE AGAZIO,A.W. Project Directorate III-1. 90/02/09. THOMA,J.O. Project Directorate III-1. 32pp. 52678:209-52678:240.

9002230142 Provides further info re operability determination of potted connectors as requested in 900208 telcon.Selected fuses in motor-operated valve control circuits will be replaced. Response to NRC questions on subj encl.  
BERRY,K.W. Consumers Power Co. 90/02/16. Document Control Branch (Document Control Desk). 20pp. 52702:107-52702:126.

### Q. Inspection reports, IE Bulletins & correspondence

9001300103 Forwards Safety Insp Rept 50-255/89-31 on 891114-1226.No violations noted.  
AXELSON,W.L. Region 3, Ofc of the Director. 90/01/12. HOFFMAN,D.P. Consumers Power Co. 2pp. 52490:250-52490:261.

—9001300109 Insp Rept 50-255/89-31 on 891114-1226.No violations noted. Major areas inspected:plant operations,maint,surveillance, security,reportable events,bulletins & info notices.  
BURGESS,B.L. Region 3, Ofc of the Director. 90/01/11. 10pp. 52490:252-52490:261.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300126 Forwards Enforcement Conference Rept 50-255/90-02 on 900108 re violations noted in Insp Rept 50-255/89-24.  
MILLER,H.J. Region 3, Ofc of the Director. 90/01/22. HOFFMAN,D.P. Consumers Power Co. 2pp. 52473:239-52473:262.

—9001300140 Enforcement Conference Rept 50-255/90-02 on 900108.Major areas inspected:apparent violations of 10CFR50,App B, Criteria III,V & XVI re piping & pipe support activities.  
LIU,W.C., GAVULA,J.A., DANIELSON,D.H. Region 3, Ofc of the Director. 90/01/18. 22pp. 52473:241-52473:262.

9001310199 Responds to Open Item 1 re differences in project scope & previous util submittals on plant configuration control project,per Insp Rept 50-255/89-21.Info on relationship between design basis documents & sys design element encl.  
BERRY,K.W. Consumers Power Co. 90/01/23. Document Control Branch (Document Control Desk). 6pp. 52498:088-52498:093.

9001310525 Responds to violations noted in Insp Rept 50-255/89-27. Corrective actions:review of integrated leak rate testing & local leak rate testing program will be completed by 900801.  
BERRY,K.W. Consumers Power Co. 90/01/24. Document Control Branch (Document Control Desk). 8pp. 52497:263-52497:270.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002120116 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Periodic predetermined activity control will be initiated to inspect svc water pump intake bay for biofouling each refueling outage by divers.  
BERRY,K.W. Consumers Power Co. 90/01/29. Document Control Branch (Document Control Desk). 11pp. 52617:256-52617:266.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52635:228-52635:328.

9002120108 Forwards addl info re NRC Bulletin 79-15,per NRC 891003 request.Recent rev of surveillance procedures used to verify pump & driver operability attached.  
FRISCH,R.R. Consumers Power Co. 90/01/30. Document Control Branch (Document Control Desk). 25pp. 52624:198-52624:291.

—9002120112 "Fire Water Pumps."  
PHILLIPS,L.T. Consumers Power Co. 89/05/30. 17pp. 52624:223-52624:239.

—9002120113 "Fire Suppression Water Sys Functional Test & Pump Capacity."  
WALLS,C.S. Consumers Power Co. 89/02/15. 52pp. 52624:240-52624:291.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002080336 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Prior to 1990 refueling outage applicable procedures will be revised & training will be completed.  
BERRY,K.W. Consumers Power Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52609:261-52609:262.

9001290192 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220210 Forwards Physical Security Insp Rept 50-255/90-04 on 900122-26.No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director. 90/02/07. HOFFMAN,D.P. Consumers Power Co. 2pp. 52689:134-52689:139.

—9002220216 Physical Security Insp Rept 50-255/90-04 on 900122-26.No violations noted.Major areas inspected:vital area barriers, access control-personnel,packages & vehicles,alarm stations,communications & power supply,testing & maint.  
KNICELY,J.R., CREED,J.R. Region 3, Ofc of the Director. 90/02/07. 4pp. 52689:136-52689:139.

9002130194 Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

9002220132 Submits addl info to clarify & close issue re Violation 255/88022-01 concerning inadequate quality verification resulting in misplugged defective tube plugs.  
JOHNSON,B.D. Consumers Power Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52683:018-52683:019.

### R. Periodic operating reports & related correspondence

9002090281 Forwards mnthly trend graph rept for 1989,consisting of safety status performance indicators for HPSI,auxiliary feedwater,LPSI & svc water sys.  
JOHNSON,B.D. Consumers Power Co. 90/01/30. Document Control Branch (Document Control Desk). 4pp. 52599:320-52599:323.

9002230538 Monthly operating rept for Jan 1990 for Palisades Nuclear Plant.W/900208 ltr.  
MLYNAREK,M.G., GORALSKI,G. Consumers Power Co. 90/01/31. 7pp. 52716:246-52716:252.

### S. Reportable occurrences, LERs & related correspondence

9002230093 LER 90-001-00:on 900109,reactor manually tripped following loss of all main feedwater flow when main feedwater pump A tripped.Possibly caused by burned-out solenoid in dump valve.Governor oil pressure will be monitored.W/900208 ltr.  
KOZUP,C.S., JOHNSON,B.D. Consumers Power Co. 90/02/08. 4pp. 52713:043-52713:046.

### DOCKET 50-259 BROWNS FERRY NUCLEAR POWER STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9001300211 Rev 6 to EPIP-1, "Emergency Plan Classification Logic." W/900122 ltr.  
RAY,M.J. Tennessee Valley Authority. 90/01/22. 28pp. 52466:128-52466:155.

9002070059 Ack receipt of 900109 ltr transmitting revised pages for security personnel training & qualification plan for plants. Agreement w/determination that plan does not contain safeguards info noted.  
WILSON,B.A. Assistant Director for Inspection Programs. WILSON,B.A. Region 2, Ofc of the Director. 90/01/25. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52598:276-52598:279.

9002220660 Corrected Page 1 to EPIP index dtd 900119.W/900205 ltr.  
RAY,M.J. Tennessee Valley Authority. 90/02/05. 4pp. 52696:132-52696:135.

9002220462 Forwards supplemental safety evaluation re conformance to Reg Guide 1.97,Rev 3 re emergency response capability.BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria.  
BLACK,S.C. Assistant Director for Projects. 90/02/08. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52696:139-52696:181.

—9002220464 Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability.Facility design acceptable except for variables for core spray flow, LPCI flow,RHR sys flow & HX outlet temp.  
\* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52696:148-52696:181.

**H. General correspondence**

**9002010197** Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers. RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

**P. Operating license stage documents & correspondence**

**9002050413** Summary of 900111 meeting w/util in Rockville,MD to discuss status of integration of engineering assurance into Nuclear QA group.List of attendees & util handouts encl. GEARS,G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 29pp. 52548:270-52548:311.

**-9002060007** "Review of Integration of Engineering Assurance Functions Into Nuclear QA,Nuclear Engineering & Nuclear Licensing & Regulatory Affairs,Part I." MULLEE,G.R. Tennessee Valley Authority. R-89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

**9001310189** Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program. RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

**9002010125** Discusses util 891030 response to Generic Ltr 89-16 re installation of hardened wetwell vent.NRC will not proceed w/backfit analysis for plant based on util commitment to install requisite mods. BLACK,S.C. Assistant Director for Projects. 90/01/24. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52532:081-52532:083.

**9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment.Program to perform periodic insps of intake structure will be developed.Browns Ferry response extended 30 days,per discussion w/G Gears. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

**9002080159** Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants.Response for Browns Ferry extended 30 days.List of commitments also encl. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

**9002060119** Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested. BLACK,S.C. Assistant Director for Projects. 90/01/29. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220462** Forwards supplemental safety evaluation re conformance to Reg Guide 1.97,Rev 3 re emergency response capability.BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria. BLACK,S.C. Assistant Director for Projects. 90/02/08. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52696:139-52696:181.

**-9002220464** Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability.Facility design acceptable except for variables for core spray flow, LPCI flow,RHR sys flow & HX outlet temp. \* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52696:148-52696:181.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF,Y.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300142** Forwards Insp Repts 50-259/89-53,50-260/89-53 & 50-296/89-53 on 891115-1218 & notices of violation & deviation. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/18. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52475:056-52475:078.

**-9001300146** Notice of violation from Insp on 891115-1218.Violations noted:alarm not adequately acted upon by control room personnel when water level in Unit 2 spent fuel storage pool overflowed into ventilation sys on 891202. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/18. 3pp. 52475:059-52475:061.

**-9001300151** Notice of deviation from Insp on 891115-1218.Deviation noted:failure to submit special rept to NRC on licensee reviews of initiating conditions. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/18. 1p. 52475:062-52475:062.

**-9001300155** Insp Repts 50-259/89-53,50-260/89-53 & 50-296/89-53 on 891115-1218.Violations & deviations noted.Major areas inspected:surveillance observations,licensed power indication,maint observation & restart test program. CARPENTER,D.R., PATTERSON,C.A. Region 2, Ofc of the Director. 90/01/18. 16pp. 52475:063-52475:078.

**9001300184** Forwards Insp Repts 50-259/89-54,50-260/89-54 & 50-296/89-54 on 891115-1218.No violations or deviations noted. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/18. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52474:334-52474:348.

**-9001300188** Insp Repts 50-259/89-54,50-260/89-54 & 50-296/89-54 on 891115-1218.No violations or deviations noted.Major areas inspected:followup of open items & action on previous insp findings. CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/01/18. 13pp. 52474:336-52474:348.

**9001300438** Forwards Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

**-9001300442** Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.Major areas inspected:control room operator & licensed operator requalification accredited training programs. BRESLAU,B., KELLOGG,P. Region 2, Ofc of the Director. 90/01/10. 10pp. 52496:343-52496:352.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002070425** Forwards Insp Repts 50-259/89-57,50-260/89-57 & 50-296/89-57 on 891204-08 & notice of violation. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52570:032-52570:044.

**-9002070429** Notice of violation from Insp on 891204-08.Violations noted: 7 of 27 QC-accepted pipe supports found w/deviations from documented requirements,including missing stakes for locking nut device & gaps of up to 1/4-inch caused by warpage. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. 2pp. 52570:035-52570:036.

**-9002070432** Insp Repts 50-259/89-57,50-260/89-57 & 50-296/89-57 on 891204-08.Violations noted.Major areas inspected:pipe support base plate design using concrete expansion anchor bolts per IE Bulletin 79-02 & IE Bulletin 79-14 re piping. CHOU,R.C., CARRION,R.P., BLAKE,J.J. Region 2, Ofc of the Director. 90/01/12. 8pp. 52570:037-52570:044.

**9002130351** Ack receipt of 900108 response to deviations noted in Insp Repts 50-259/89-49,50-260/89-49 & 50-296/89-49.Understands that justification for discontinuing formal notification of senior mgt changes will be sent in separate correspondence. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52646:065-52646:066.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 99pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002090165** Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting.Civil penalty not proposed since TVA has implemented programs. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

**-9002090171** Notice of violation from Insp on 860428-0916.Violations noted:failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy. CRUTCHFIELD,D. Division of Reactor Projects - II,IV,V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

**9002120101** Corrected ltr discussing NRC Investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees.Were HS Sanger still util employee,NRC would consider addl actions. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

**-9002120115** Notice of violation from investigation on 860428-0916. Violations noted:failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

**9002130223** Forwards Insp Repts 50-259/89-60,50-260/89-60 & 50-296/89-60 on 891215-900115.No violations or deviations noted. WILSON,B.A. Assistant Director for Inspection Programs. 90/02/01. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52646:001-52646:016.

**-9002130226** Insp Repts 50-259/89-60,50-260/89-60 & 50-296/89-60 on 891215-900115.No violations or deviations noted.Major areas inspected:surveillance observation,maint observation,mods, operational safety verification & refueling activities. CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/01/31. 14pp. 52646:003-52646:016.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002140151** Forwards Insp Repts 50-259/89-61,50-260/89-61 & 50-296/89-61 on 891215-900115.No violations or deviations noted. WILSON,B.A. Assistant Director for Inspection Programs. 90/02/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52655:181-52655:201.



## 34 DOCKETED ITEMS

—9002140153 Insp Repts 50-259/89-61 & 50-260/89-61 & 50-296/89-61 on 891215-900115. No violations or deviations noted. Major areas inspected: ROs & action on previous insp findings.  
CARPENTER, D.R., PATTERSON, C.A., LITTLE, W.S. Region 2, Ofc of the Director. 90/02/01. 19pp. 52655:183-52655:201.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Mails Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### S. Reportable occurrences, LERs & related correspondence

9002020121 Informs that issuance of LER not required re 891222 event concerning discrepancy between SNM history record & field installation location. Event reportable under 10CFR70.52, therefore, no addl repts necessary.  
RAY, M.J. Tennessee Valley Authority. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52541:207-52541:208.

9002080001 LER 89-028-00: on 891228, ESF actuation occurred. Caused by failure of automatic high-pressure fire protection deluge valve to reset. Fire protection water flow stopped & ESF equipment returned to standby status. W/900129 ltr.  
AUSTIN, S., BYNUM, J.R. Tennessee Valley Authority. 90/01/29. 6pp. 52590:038-52590:043.

9002120176 Forwards LER 90-001-00 re installation of snubbers. Review of event described in Insp Rept 50-259/89-27, determined that event not reportable.  
BYNUM, J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52635:125-52635:129.

—9002120180 LER 90-001-00: on 891213, approx 99 snubbers determined not to have been functionally tested before installation. Caused by inadequate procedures re post-mod testing. Procedure will be revised.  
LALOR, M. Tennessee Valley Authority. 90/01/29. 4pp. 52635:126-52635:129.

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### V. Operator Examinations

9001300438 Forwards Insp Repts 50-259/89-58, 50-260/89-58 & 50-296/89-58 on 891218-22. No violations or deviations noted.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

—9001300442 Insp Repts 50-259/89-58, 50-260/89-58 & 50-296/89-58 on 891218-22. No violations or deviations noted. Major areas inspected: control room operator & licensed operator requalification accredited training programs.  
BRESLAU, B. Region 2, Ofc of the Director. 90/01/10. 10pp. 52496:343-52496:352.

## DOCKET 50-260 BROWNS FERRY NUCLEAR POWER STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

9001300211 Rev 6 to EPIP-1, "Emergency Plan Classification Logic." W/900122 ltr.  
RAY, M.J. Tennessee Valley Authority. 90/01/22. 28pp. 52466:128-52466:155.

9002070059 Ack receipt of 900109 ltr transmitting revised pages for security personnel training & qualification plan for plants. Agreement w/determination that plan does not contain safeguards info noted.  
WILSON, B.A. Assistant Director for Inspection Programs. WILSON, B.A. Region 2, Ofc of the Director. 90/01/25. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52598:276-52598:279.

9002070055 Forwards changes to App R safe shutdown program, per agreement in response to NRC reviewer questions re fire watches.  
RAY, M.J. Tennessee Valley Authority. 90/01/30. Document Control Branch (Document Control Desk). 4pp. 52598:259-52598:262.

9002220660 Corrected Page 1 to EPIP index dtd 900118. W/900205 ltr.  
RAY, M.J. Tennessee Valley Authority. 90/02/05. 4pp. 52696:132-52696:135.

9002220462 Forwards supplemental safety evaluation re conformance to Reg Guide 1.97, Rev 3 re emergency response capability. BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria.  
BLACK, S.C. Assistant Director for Projects. 90/02/08. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52696:139-52696:181.

—9002220464 Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability. Facility design acceptable except for variables for core spray flow, LPCI flow, RHR sys flow & HX outlet temp.  
\* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52696:148-52696:181.

### H. General correspondence

9002010197 Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers.  
RAY, M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

### P. Operating license stage documents & correspondence

9002050413 Summary of 900111 meeting w/util in Rockville, MD to discuss status of integration of engineering assurance into Nuclear QA group. List of attendees & util handouts encl.  
GEARS, G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 29pp. 52548:270-52548:311.

—9002060007 "Review of Integration of Engineering Assurance Functions Into Nuclear QA, Nuclear Engineering & Nuclear Licensing & Regulatory Affairs, Part I."  
MULLEE, G.R. Tennessee Valley Authority. R-89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

9001290041 Forwards criteria utilized for design & installation of CRD housing lateral restraints & project applicability for GE Design Spec 257HA346, per NRC audit request.  
RAY, M.L. Tennessee Valley Authority. 90/01/22. Document Control Branch (Document Control Desk). 4pp. 52468:085-52468:088.

9001310189 Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

9002010125 Discusses util 891030 response to Generic Ltr 89-16 re installation of hardened wetwell vent. NRC will not proceed w/backfit analysis for plant based on util commitment to install requisite mods.  
BLACK, S. Assistant Director for Projects. 90/01/24. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52532:081-52532:083.

9002060210 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

9002080159 Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants. Response for Browns Ferry extended 30 days. List of commitments also encl.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

9002060119 Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested.  
BLACK, S.C. Assistant Director for Projects. 90/01/29. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

9002060283 Summary of 900118 meeting w/util in Rockville, MD to continue discussions on resolution of cable installation issues. Concerns raised re ranking methodology which would take credit for cables tested at Sequoyah. Handouts encl.  
GEARS, G.E. TVA Projects Division. 90/01/29. TVA Projects Division. 15pp. 52555:174-52555:188.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130135 Forwards plans for resolving concerns re potential pulldown damage to electrical cable at facility. Cable installation concerns at util initially stemmed from reviews performed at plant & included variety of issues, including jamming.  
RAY, M.J. Tennessee Valley Authority. 90/02/05. Document Control Branch (Document Control Desk). 12pp. 52646:323-52646:334.

9002160058 Notification of 900213 meeting w/util in Rockville, MD to discuss util proposed testing program for facility cables.  
GEARS, G.E. TVA Projects Division. 90/02/05. BLACK, S. Assistant Director for Projects. 3pp. 52669:001-52669:003.

9002220462 Forwards supplemental safety evaluation re conformance to Reg Guide 1.97, Rev 3 re emergency response capability. BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria.  
BLACK, S.C. Assistant Director for Projects. 90/02/08. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52696:139-52696:181.

—9002220464 Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability. Facility design acceptable except for variables for core spray flow, LPCI flow, RHR sys flow & HX outlet temp.  
\* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52696:148-52696:181.

### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300142 Forwards Insp Repts 50-259/89-53, 50-260/89-53 & 50-296/89-53 on 891115-1218 & notices of violation & deviation.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/18. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52475:056-52475:078.

—9001300146 Notice of violation from insp on 891115-1218. Violations noted: alarm not adequately acted upon by control room personnel when water level in Unit 2 spent fuel storage pool overflowed into ventilation sys on 891202.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/18. 3pp. 52475:059-52475:061.

—9001300151 Notice of deviation from insp on 891115-1218. Deviation noted: failure to submit special rept to NRC on licensee reviews of initiating conditions.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/18. 1p. 52475:062-52475:062.

—9001300155 Insp Repts 50-259/89-53, 50-260/89-53 & 50-296/89-53 on 891115-1218. Violations & deviations noted. Major areas inspected: surveillance observations, licensed power indication, maint observation & restart test program.  
CARPENTER, D.R., PATTERSON, C.A. Region 2, Ofc of the Director. 90/01/18. 16pp. 52475:063-52475:078.

9001300164 Forwards Insp Repts 50-259/89-54,50-260/89-54 & 50-296/89-54 on 891115-1218.No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/18. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52474:334-52474:348.

-9001300168 Insp Repts 50-259/89-54,50-260/89-54 & 50-296/89-54 on 891115-1218.No violations or deviations noted.Major areas inspected:followup of open items & action on previous insp findings.  
CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/01/18. 13pp. 52474:336-52474:348.

9001300438 Forwards Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

-9001300442 Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.Major areas inspected:control room operator & licensed operator requalification accredited training programs.  
BRESLAU,B., KELLOGG,P. Region 2, Ofc of the Director. 90/01/10. 10pp. 52496:343-52496:352.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002070425 Forwards Insp Repts 50-259/89-57,50-260/89-57 & 50-296/89-57 on 891204-08 & notice of violation.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52570:032-52570:044.

-9002070429 Notice of violation from insp on 891204-08.Violations noted: 7 of 27 QC-accepted pipe supports found w/deviations from documented requirements,including missing stakes for locking nut device & gaps of up to 1/4-inch caused by warpage.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. 2pp. 52570:035-52570:036.

-9002070432 Insp Repts 50-259/89-57,50-260/89-57 & 50-296/89-57 on 891204-08.Violations noted.Major areas inspected:pipe support base plate design using concrete expansion anchor bolts per IE Bulletin 79-02 & IE Bulletin 79-14 re piping.  
CHOQU,R.C., CARRION,R.P., BLAKE,J.J. Region 2, Ofc of the Director. 90/01/12. 8pp. 52570:037-52570:044.

9002130351 Ack receipt of 900108 response to deviations noted in Insp Repts 50-259/89-49,50-260/89-49 & 50-296/89-49.Understands that justification for discontinuing formal notification of senior mgt changes will be sent in separate correspondence.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52646:065-52646:068.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002090165 Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting.Civil penalty not proposed since TVA has implemented programs.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

-9002090171 Notice of violation from insp on 860428-0916.Violations noted:failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy.  
CRUTCHFIELD,D. Division of Reactor Projects - II,I,V,V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

9002120101 Corrected ltr discussing NRC Investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees.Were HS Sanger still util employee,NRC would consider addl actions.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

-9002120115 Notice of violation from investigation on 860428-0916. Violations noted:failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

9002130223 Forwards Insp Repts 50-259/89-60,50-260/89-60 & 50-296/89-60 on 891215-900115.No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/02/01. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52648:001-52648:016.

-9002130226 Insp Repts 50-259/89-60,50-260/89-60 & 50-296/89-60 on 891215-900115.No violations or deviations noted.Major areas inspected:surveillance observation,maint observation,modes, operational safety verification & refueling activities.  
CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/01/31. 14pp. 52648:003-52648:016.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002140151 Forwards Insp Repts 50-259/89-61,50-260/89-61 & 50-296/89-61 on 891215-900115.No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/02/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52655:181-52655:201.

-9002140153 Insp Repts 50-259/89-61 & 50-260/89-61 & 50-296/89-61 on 891215-900115.No violations or deviations noted.Major areas inspected:ROs & action on previous insp findings.  
CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/02/01. 19pp. 52655:183-52655:201.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### S. Reportable occurrences, LERs & related correspondence

9002020121 Informs that issuance of LER not required re 891222 event concerning discrepancy between SNM history record & field installation location.Event reportable under 10CFR70.52, therefore,no addl repts necessary.  
RAY,M.J. Tennessee Valley Authority. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52541:207-52541:208.

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

9002220042 LER 89-021-01:on 890710,during surveillance instruction test,number of inter-determined-range monitor channels less than required by Tech Specs.Addl evaluation determined that event not reportable as LER.W/900212 ltr.  
HOUSLEY,D.A., BYNUM,J.R. Tennessee Valley Authority. 90/02/12. 5pp. 52679:050-52679:054.

#### V. Operator Examinations

9001300438 Forwards Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

-9001300442 Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.Major areas inspected:control room operator & licensed operator requalification accredited training programs.  
BRESLAU,B. Region 2, Ofc of the Director. 90/01/10. 10pp. 52496:343-52496:352.

9002130331 Summarizes 900117 mgt meeting in Region II ofc to update status of facility requalification program.List of attendees,agenda & handouts encl.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 7pp. 52647:102-52647:108.

#### DOCKET 50-261 H.B. ROBINSON PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002020186 Revised EPIPs,including Rev 13 to Vol 2,Part 5 of PEP-171, Rev 28 to PEP-204 & Rev 3 to PEP-652.W/900124 ltr.  
MORROW,M.C., JOHNSON,R.L., MORGAN,R.E. Carolina Power & Light Co. 90/01/24. 41pp. 52533:288-52533:328.

#### P. Operating license stage documents & correspondence

9001300380 Forwards environ assessment & finding of no significant impact re plant operation w/higher enriched U-235 fuel,for info.  
LO,R. Project Directorate II-1. 90/01/10. EURY,L.W. Carolina Power & Light Co. 2pp. 52492:356-52492:361.

-9001300382 Environ assessment & finding of no significant impact re 890804,1118 & 1213 applications for rev to Tech Specs concerning fuel enrichment.  
TOURIGNY,E.G. Project Directorate II-1. 90/01/10. 4pp. 52492:358-52492:361.

9002050299 Confirms arrangements for 900126 mgt meeting in Atlanta,GA to discuss evaluation of facility performance.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/01/19. EURY,L.W. Carolina Power & Light Co. 2pp. 52547:333-52547:334.

9002080031 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Visual insp of respective intake structures will be performed during next scheduled refueling outages.  
CUTTER,A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:098-52594:102.

9002080146 Confirms 900130 electronic transfer of second quarterly installment payments of FY90 annual fees.  
LOFLIN,L.I. Carolina Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52589:078-52589:078.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130350 Notification of 900215 meeting w/util in Rockville,MD to discuss licensing status & core operating limit rept.  
LO,R.H. Project Directorate II-1. 90/02/06. TOURIGNY,E.G. Project Directorate II-1. 3pp. 52648:189-52648:191.

## 36 DOCKETED ITEMS

**9002140201** Forwards proprietary "HB Robinson Unit 2,Cycle 14 SAR" & "Mechanical Licensing Rept for HB Robinson High Thermal Performance Fuel Assemblies." Repts withheld (ref 10CFR2.790). CUTTER,A.B. Carolina Power & Light Co. 90/02/06. Document Control Branch (Document Control Desk). 12pp. 52668:198-52668:209.

**9002220019** Forwards Amend 125 to License DPR-23 & safety evaluation. Amend consists of changes to Tech Specs to increase allowable fuel enrichment in reactor,new fuel storage racks & spent fuel storage pit from 3.9 to 4.2 weight percent. LO,R.H. Project Directorate II-1. 90/02/09. EURY,L.W. Carolina Power & Light Co. 3pp. 52695:275-52695:288.

**-9002220022** Amend 125 to License DPR-23,changing Tech Specs to Increase allowable fuel enrichment in reactor,new fuel storage racks & spent fuel storage pit from 3.9 to 4.2 weight percent. TOURIGNY,E.G. Project Directorate II-1. 90/02/09. 6pp. 52695:278-52695:283.

**-9002220023** Safety evaluation supporting Amend 125 to License DPR-23. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/09. 5pp. 52695:284-52695:288.

**9002220081** Application for amend to License DPR-23,providing Tech Specs for reactor vessel level instrumentation sys & core exit thermocouples per NUREG-0737 & Generic Ltr 82-28. CUTTER,A.B. Carolina Power & Light Co. 90/02/13. Document Control Branch (Document Control Desk). 4pp. 52674:347-52674:354.

**-9002220108** Proposed Tech Specs re reactor vessel level instrumentation sys & core exit thermocouples per NUREG-0737 & Generic Ltr 82-28. \* Carolina Power & Light Co. 90/02/13. 4pp. 52674:351-52674:354.

### Q. Inspection reports, IE Bulletins & correspondence

**9001290138** Responds to violations noted in Insp Rept 50-261/89-23. Corrective actions:Test Procedure AT-2 for Field Rev 19 of Mod M-1018 prepared in format to allow recording & analysis of field data in successive steps. DIETZ,C.R. Carolina Power & Light Co. 90/01/17. Document Control Branch (Document Control Desk). 7pp. 52469:117-52469:123.

**9001300154** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal..." No valves subj to bulletin requirements identified at plants. CUTTER,A.B. Carolina Power & Light Co. 90/01/17. Document Control Branch (Document Control Desk). 3pp. 52489:004-52489:006.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002080020** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Fuel handling procedures will be revised to reflect Westinghouse guidelines to assure adequate shutdown margin maintained. CUTTER,A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52594:284-52594:286.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002160148** Forwards Insp Rept 50-261/89-31 on 891205-06.No violations or deviations noted. JULIAN,C.A. Region 2, Ofc of the Director. 90/02/02. EURY,L.W. Carolina Power & Light Co. 3pp. 52658:145-52658:150.

**-9002160149** Insp Rept 50-261/89-31 on 891212-13.No violations or deviations noted.Major areas inspected:sequencing & loading electrical safeguards equipment onto safety buses in response to Unresolved Item 89-25-02 re overlap problem. HUNT,M.D., CONLON,T.E. Region 2, Ofc of the Director. 90/01/29. 3pp. 52658:148-52658:150.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

**9002130194** Partial response to FOIA request App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230459** Ack receipt of 900117 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-261/89-23.Agrees w/ conclusion that Item C.1 of notice did not constitute violation.Records will be adjusted to delete item. VERRELLI,D.M. Region 2, Ofc of the Director. 90/02/09. EURY,L.W. Carolina Power & Light Co. 2pp. 52702:214-52702:215.

### S. Reportable occurrences, LERs & related correspondence

**9002120044** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1.Westinghouse identified other plants using similar switches & informed licensees of potential resolutions noted in stated encls. NOVAK,T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 10pp. 52627:096-52627:105.

**9002220270** LER 90-001-00:on 900110,power to rod position indication sys lost,resulting in actuation of automatic turbine runback & causing unavailability of control room analog sys.Caused by circuit breaker failure.Breaker replaced.W/900208 ltr. BAUCOM,C.T., MORGAN,R.E. Carolina Power & Light Co. 90/02/08. 5pp. 52679:032-52679:036.

**9002220099** LER 90-003-00:on 900118 & 25,fire barrier electrical penetrations found w/ o internal fire barrier seal.Caused by installation deficiency & inadequate design review. Penetration repaired & returned to svc.W/900216 ltr. CROOK,R.D., MORGAN,R.E. Carolina Power & Light Co. 90/02/14. 7pp. 52679:068-52679:074.

**9002220126** LER 90-002-00:on 900117,reactor trip occurred during surveillance test on power-range nuclear instrumentation channels.Caused by operator placing bistables on channels into tripped condition.Operator counseled.W/900215 ltr. BAUCOM,C.T., MORGAN,R.E. Carolina Power & Light Co. 90/02/15. 4pp. 52679:021-52679:024.

### DOCKET 50-263 MONTICELLO NUCLEAR GENERATING PLANT

### F. Security, medical, emergency & fire protection plans

**9002160054** Advises that NRC received encl FEMA 891004 ltr & associated FEMA Region V rept for 881019 radiological emergency drill. No deficiencies noted.Item of lesser significance corrected. GREGER,L.R. Region 3, Ofc of the Director. 90/01/10. LARSON,C.E. Northern States Power Co. 2pp. 52679:085-52679:095.

**9002230154** Rev 12 to "Corporate Nuclear Emergency Plan." W/900209 ltr. \* Northern States Power Co. 90/02/09. 147pp. 52710:001-52710:147.

### P. Operating license stage documents & correspondence

**9001290172** Grants 891003 request for extension until 900331 to respond to Generic Ltr 89-04 re inservice testing program.Extension granted based on refueling outage in progress & compliance w/ltr noted in Insp Rept 50-263/89-25. LONG,W.O. Project Directorate III-1. 90/01/18. PARKER,T.M. Northern States Power Co. 4pp. 52454:083-52454:086.

**9001290268** Forwards details of Allegation RIII-89-A-118,for review & followup.Response requested within 60 days of ltr date.Encl withheld (ref 10CFR2.790(a)) NORELIUS,C.E. Region 3, Ofc of the Director. 90/01/18. LARSON,C.E. Northern States Power Co. 2pp. 52469:085-52469:088.

**9001290173** Advises that approach,methodology & schedule in util 891030 response to Generic Ltr 88-20, "Individual Plant Exams," acceptable.NRC should be notified if schedule changes & reason for change. LONG,W.O. Project Directorate III-1. 90/01/19. PARKER,T.M. Northern States Power Co. 3pp. 52469:151-52469:153.

**9002060152** Responds to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." PARKER,T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 7pp. 52569:311-52569:317.

**9002120191** Rev 4 to EPIP A.2-501, "Communications During Emergency." W/900129 ltr. ANTONY Northern States Power Co. 90/01/29. 22pp. 52617:207-52617:227.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002080339** Ack receipt of 891031 response to Generic Ltr 89-16. Intention to follow 10CFR50.59 to install hardened wetwell vent at plant,independent of other sys & terminating on reactor bldg roof considered acceptable. LONG,W.O. Project Directorate III-1. 90/02/01. PARKER,T.M. Northern States Power Co. 4pp. 52594:012-52594:015.

**9002150264** Discusses liability & funding requirements re NRC decommissioning funding rules & verifies understanding of rules.Ltr from NRC explaining liability & requirements of rule requested. LAWRENCE,D.A. Northern States Power Co. 90/02/06. WOOD,R. NRC - No Detailed Affiliation Given. 1p. 52668:237-52668:237.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001290172** Grants 891003 request for extension until 900331 to respond to Generic Ltr 89-04 re inservice testing program. Extension granted based on refueling outage in progress & compliance w/ltr noted in Insp Rept 50-263/89-25. LONG, W.O. Project Directorate III-1. 90/01/18. PARKER, T.M. Northern States Power Co. 4pp. 52454:083-52454:086.

**9001300300** Forwards Safety Insp Rept 50-263/89-31 on 891126-900106. No violations noted. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/18. LARSON, C.E. Northern States Power Co. 2pp. 52471:330-52471:340.

**-9001300302** Insp Rept 50-263/89-31 on 891126-900106. Major areas inspected: previous insp items, operational safety verification, maint, surveillance & onsite followup of operational events. DEFAYETTE, R.W. Region 3, Ofc of the Director. 90/01/18. 9pp. 52471:332-52471:340.

**9001310161** Forwards Enforcement Conference Rept 50-263/89-32 on 891221 to discuss apparent violations noted in Insp Rept 50-263/89-29. GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/22. LARSON, C.E. Northern States Power Co. 1p. 52512:197-52512:230.

**-9001310168** Enforcement Conference Rept 50-263/89-32 on 891221. Major areas discussed: lack of secondary containment integrity, failure to adequately test containment & extensive corrective actions taken by licensee. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/16. 33pp. 52512:198-52512:230.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002220325** Requests that NRC issue suppl to NRC Info Notice 89-059 re suppliers of suspected counterfeit fasteners, removing Phoeil Mfg from list of suspected suppliers. Traceability of fastener in question uncertain. LARSON, C.E. Northern States Power Co. 90/01/30. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 2pp. 52689:321-52690:023.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220145** Forwards Insp Rept 50-263/89-29 on 891013-1127 & notice of violation. DAVIS, A.B. Region 3, Ofc of the Director. 90/02/06. LARSON, C.E. Northern States Power Co. 3pp. 52682:047-52682:056.

**-9002220146** Notice of violation from insp on 891013-1127. Violation noted: licensee failed to establish adequate test demonstrating secondary containment capable of maintaining 1/4 inch water vacuum under calm winds. DAVIS, A.B. Region 3, Ofc of the Director. 90/02/06. 2pp. 52682:050-52682:056.

**R. Periodic operating reports & related correspondence**

**9002140280** Monthly operating rept for Jan 1990 for Monticello Nuclear Generating Plant. W/900206 ltr. PAUSTIAN, H.H., PARKER, T.M. Northern States Power Co. 90/01/31. 5pp. 52655:160-52655:164.

**S. Reportable occurrences, LERs & related correspondence**

**9002020252** LER 89-040-00: on 891219, secondary containment failed to meet operability requirements during special test per LER 89-029. Caused by sys design deficiencies. Operating procedures revised & one sys component put on hold. W/900117 ltr. SCOTT, D., PARKER, T.M. Northern States Power Co. 90/01/18. 8pp. 52536:038-52536:045.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint Instructions encl. HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**DOCKET 50-264 DOW CHEMICAL CO.****S. Reportable occurrences, LERs & related correspondence**

**9002050196** RO: on 900116, wide range log channel failed while reactor taken to power. Caused by poor connection in rotary switch in wide range log channel. Authorization to replace entire control console initiated in early Jan 1990. KOCHER, C.W. Dow Chemical Co. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52547:259-52547:260.

**DOCKET 50-265 QUAD-CITIES STATION, UNIT 2****F. Security, medical, emergency & fire protection plans**

**9002060149** Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations." CARSON, R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

**9002060185** Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director." CARSON, R.T. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

**9001300205** Advises that 891222 Rev 22 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52490:297-52490:298.

**9001310524** Rev 4 to EPIP QEP 400-S2, "Site Evacuation Checklist." CARSON, R.T. Commonwealth Edison Co. 90/01/14. 11pp. 52498:138-52498:148.

**9002010167** Revised emergency procedures, consisting of Rev 3 to QEP 125-0, "Administrative Director" & Rev 3 to QEP 125-S3, "Administrative Director General Emergency Checklist." CARSON, R.T. Commonwealth Edison Co. 90/01/14. 7pp. 52512:353-52512:360.

**9002120020** Revised EIPs, including Rev 3 to QEP 400-T3 & Rev 8 to QAP 1100-T5. CARSON, R.T. Commonwealth Edison Co. 90/01/22. 3pp. 52617:311-52617:313.

**9002150089** Revised EIPs, including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps. CARSON, R.T. Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

**K. Utility Final Safety Analysis Report (FSAR) & amends**

**9001290214** Revs 5 & 6 to updated FSAR for Quad Cities Station, Units 1 & 2.W/900116 ltr. STOLS, R. Commonwealth Edison Co. 90/01/16. 225pp. 52466:156-52467:105.

**P. Operating license stage documents & correspondence**

**9002160066** Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr. SHEMANSKI, P.C. Project Directorate III-2. 89/11/24. KOVACH, T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

**9001290239** Application for amend to License DPR-30, reflecting use of generically approved Fuel Type GE8x8NB in reload Cycle 11 & changing MCPR safety limits from 1.04 to 1.06. SILADY, J.A. Commonwealth Edison Co. 90/01/15. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52468:153-52468:159.

**-9001290246** Proposed Tech Specs re safety limits & limiting safety sys settings for fuel cladding integrity. CARSON, R.T. Commonwealth Edison Co. 90/01/15. 3pp. 52468:157-52468:159.

**9001300241** Forwards revised "Effects of Postulated DC Power Failures on ECCS Availability Quad-Cities Unit 1." Conclusions later evaluated to be applicable to other units. Rept revised to better define review process employed in original analysis. SILADY, J.A. Commonwealth Edison Co. 90/01/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52491:265-52492:329.

**9002060389** Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44, 45 & 46 & App B, Section XI. RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

**9002080145** Identifies schedular change for completion of corrective actions associated w/Human Engineering Deficiencies 159,187 & 489 re escutcheon plates for control switches which need replacement. Plates will be replaced during outages. STOLS, R. Commonwealth Edison Co. 90/01/30. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52589:052-52589:052.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002070035** Accepts util 891030 response to Generic Ltr 89-16 re intention to install hardened wetwell vent at plant by 930101, per BWR Owners Group design criteria to be approved by NRC. ROSS, T.M. Project Directorate III-1. 90/02/01. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52626:024-52626:027.

**9002220170** Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.



## 38 DOCKETED ITEMS

### Q. Inspection reports, IE Bulletins & correspondence

**9002020094** Responds to NRC 891128 ltr re violations noted in Insp Repts 50-254/89-17 & 50-265/89-17. Corrective actions: Procedure NSWP-E-01, "Electrical Cable Installation Insp." will be revised to enhance human factor aspect. KOVACH, T.J. Commonwealth Edison Co. 90/01/16. DAVIS, A.B. Region 3, Ofc of the Director. 14pp. 52526:068-52526:081.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52593:257-52594:004.

**9002160027** Confirms plans discussed between R Stols & D Jones to have meeting at plant on 900222 to present initial SALP 8 rept. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52669:039-52669:040.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### R. Periodic operating reports & related correspondence

**9002220223** Forwards listing of changes, tests & experiments completed during Jan 1990, including items completed in 1989. Interlocks installed on refuel bridge fuel handling machine to prevent raising hoist while hoist loaded. ROBEY, R.A. Commonwealth Edison Co. 90/02/02. Office of Nuclear Reactor Regulation, Director (Post 870411). 12pp. 52695:292-52695:303.

### S. Reportable occurrences, LERs & related correspondence

**9002090003** LER 90-002-00: on 900102, during annual water sprinkler sys valve position insp, discovered that valve 2-4199-072 not cycled per Tech Spec Surveillance Requirement 4.12. Caused by procedural deficiency. Procedure to be revised. W/900130 ltr. SMITH, E.H., BAX, R.L. Commonwealth Edison Co. 90/01/30. 4pp. 52588:104-52588:107.

### V. Operator Examinations

**9002090087** Advises of receipt of accreditation renewal by INPO in Sept 1989 for operator requalification training program, per Generic Ltr 87-07 requirements & informs that programs developed using systematic approach to training. STOLS, R. Commonwealth Edison Co. 90/01/22. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52615:073-52615:073.

### DOCKET 50-266 POINT BEACH NUCLEAR PLANT, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9002080164** Forwards FEMA final exercise evaluation of plant joint offsite emergency preparedness exercise conducted on 890914. Areas requiring corrective actions re offsite emergency plans noted & will remain under approval of 44CFR350. GREGER, L.R. Region 3, Ofc of the Director. 80/01/25. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52608:089-52608:195.

**9002080221** Advises that scope & objectives for 900314 emergency preparedness exercise contained in 891215 ltr acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/01/25. FAY, C.W. Wisconsin Electric Power Co. 1p. 52589:077-52589:077.

**9002220103** Forwards Safety Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Significant deficiency noted in QA program implementation which contributed to recent failure to take prompt corrective action re design deficiency. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/06. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52674:324-52674:346.

**-9002220105** Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Major areas inspected: operational safety, radiological controls, maintenance & surveillance, emergency preparedness, security & engineering & technical support. KNOP, R.C. Region 3, Ofc of the Director. 90/02/06. 21pp. 52674:326-52674:346.

### P. Operating license stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090189** Forwards storm water permit application for plant, reflecting util effort to comply w/requirements of Clean Water Act. LEE, D.M. Wisconsin Electric Power Co. 90/02/02. Environmental Protection Agency. 4pp. 52626:250-52626:253.

**9002160056** Notification of 900220 meeting w/util in Rockville, MD re engineering workload/resources. SWENSON, W.H. Project Directorate III-3. 90/02/09. HANNON, J.N. Project Directorate III-3. 3pp. 52669:061-52669:063.

### Q. Inspection reports, IE Bulletins & correspondence

**9002060017** Forwards Safety Insp Repts 50-266/89-33 & 50-301/89-33 on 891107-1222. Violations noted. No written response required until notification of proposed enforcement action issued. GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/12. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52555:091-52555:102.

**-9002060020** Insp Rept 50-266/89-33 on 891107-1222. Two violations identified. Major areas inspected: inadequate original design of facility dc electrical distribution sys & licensee corrective actions. JACKIW, I.N. Region 3, Ofc of the Director. 90/01/11. 10pp. 52555:093-52555:102.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220103** Forwards Safety Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Significant deficiency noted in QA program implementation which contributed to recent failure to take prompt corrective action re design deficiency. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/06. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52674:324-52674:346.

**-9002220105** Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Major areas inspected: operational safety, radiological controls, maintenance & surveillance, emergency preparedness, security & engineering & technical support. KNOP, R.C. Region 3, Ofc of the Director. 90/02/06. 21pp. 52674:326-52674:346.

**9002220244** Forwards Enforcement Conference Repts 50-266/90-03 & 50-301/90-03 on 900116 to discuss violations noted in Insp Repts 50-266/89-33 & 50-301/89-33. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/06. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52674:151-52674:169.

**-9002220250** Enforcement Conference Repts 50-266/90-03 & 50-301/90-03 on 900116. Major areas discussed: design of dc distribution sys, identification of original design deficiency, noncompliance w/single failure criterion & QA program. KNOP, R.C. Region 3, Ofc of the Director. 90/02/02. 17pp. 52674:153-52674:169.

**R. Periodic operating reports & related correspondence**

9002150005 Monthly operating repts for Jan 1990 for Point Beach Nuclear Plant, Units 1 & 2 W/900208 ltr. KRAUSE, C.W., FAY, C.W. Wisconsin Electric Power Co. 90/01/31. 9pp. 52656:337-52656:345.

**S. Reportable occurrences, LERs & related correspondence**

9002120044 Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1. Westinghouse identified other plants using similar switches & informed licensees of potential resolutions noted in stated encls. NOVAK, T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 10pp. 52627:096-52627:105.

-9002150203 Forwards AEOD/T904, "Design Deficiency of Safety Injection Block Switch." Licensee decision to correct existing scheme by installing two selector switches w/one switch for each train noted. MAZUMDAR, S. Reactor Operations Analysis Branch. 89/04/18. ROSENTHAL, J.E. Reactor Operations Analysis Branch. 1p. 52627:103-52627:105.

-9002150206 AEOD/T904, "Design Deficiency of Safety Injection Block Switch." MAZUMDAR, S. Office for Analysis & Evaluation of Operational Data, Director. 89/04/18. 2pp. 52627:104-52627:105.

**V. Operator Examinations**

9001310085 Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam. WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

**DOCKET 50-267 FORT ST. VRAIN NUCLEAR GENERATING STATION****F. Security, medical, emergency & fire protection plans**

9001290053 Revised fire protection program plan, consisting of Issue 6 to table of contents, Issue 3 to FPOR-3, "Halon Sys" & Issue 4 to FPOR-14, "Fire Doors." \* Public Service Co. of Colorado. 90/01/10. 7pp. 52469:194-52469:200.

9002050421 Issue 1 to Fire Protection Plan FPOR-21, "Fire Protection Operability Requirements." W/Issue 7 to table of contents for Section 6.1. \* Public Service Co. of Colorado. 90/01/16. 5pp. 52542:155-52542:159.

9001290044 Responds to NRC 891218 ltr re weaknesses noted in Insp Rept 50-267/89-22. Corrective actions: during power operations three licensed reactor operators will be present in control & short in emergency public address sys repaired. CRAWFORD, A.C. Public Service Co. of Colorado. 90/01/19. Document Control Branch (Document Control Desk). 4pp. 52468:089-52468:092.

9002010096 Forwards Fire Operability Requirements 3 & 14, Issues 3 & 4, respectively, to fire protection program plan, Section FP.6.1. Changes cover halon sys & basis & records ctr halon sys. CRAWFORD, A.C. Public Service Co. of Colorado. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52532:050-52532:063.

-9002010097 Issue 3 to Fire Protection Operability Requirement 3 & Issue 4 to Fire Protection Operability Requirement 14. \* Public Service Co. of Colorado. 90/01/26. 9pp. 52532:055-52532:063.

9002050287 Forwards Insp Rept 50-267/90-02 on 900108-12. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/26. CRAWFORD, A.C. Public Service Co. of Colorado. 3pp. 52547:349-52547:355.

-9002050290 Insp Rept 50-267/90-02 on 900108-12. No violations or deviations noted. Major areas inspected: fire protection/ prevention program implementation & followup of previous insp findings. SINGHA, A., STETKA, T.F. Region 4, Ofc of the Director. 90/01/24. 4pp. 52547:352-52547:355.

9002150201 Issue 3 to Fire Protection Operability Requirement FPOR-12, "Fire Detectors." W/Issue 8 to table of contents. \* Public Service Co. of Colorado. 90/01/31. 10pp. 52676:256-52676:265.

**P. Operating license stage documents & correspondence**

9001290037 Notifies of util intent to bore 10 concrete core drills into prestressed concrete reactor vessel barrel section at various elevations found necessary for decommissioning planning. Drillings will begin on 900205. Assessment encl. CRAWFORD, A.C. Public Service Co. of Colorado. 90/01/19. WEISS, S.H. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 8pp. 52468:077-52468:084.

9002060196 Forwards Amend 77 to License DPR-34 & safety evaluation. Amend upgrades portions of Tech Specs re reactivity controls. W/o LLL technical evaluation rept. ERICKSON, P.B. Non-Power Reactor, Decommissioning & Environ. Proj. Directorate (890730-890930). 90/01/24. CRAWFORD, A.C. Public Service Co. of Colorado. 4pp. 52560:049-52560:141.

-9002060218 Amend 77 to License DPR-34, upgrading portions of Tech Specs re reactivity control, including calculated bulk core temp, core average inlet temp, core alterations & control rod pair operability. WEISS, S.H. Non-Power Reactor, Decommissioning & Environ. Proj. Directorate (890730-890930). 90/01/24. 75pp. 52560:053-52560:137.

-9002060221 Safety evaluation supporting Amend 77 to License DPR-34. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/24. 4pp. 52560:138-52560:141.

9002050348 Forwards application for amend to License DPR-34, changing Section 7.1 of Tech Specs. Specifically, senior vice president, nuclear operations revised to vice president, nuclear operations & nuclear training manager revised. CRAWFORD, A.C. Public Service Co. of Colorado. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52547:189-52547:210.

-9002050352 Application for amend to License DPR-34, adding nuclear training & support manager to NFSC membership. CRAWFORD, A.C. Public Service Co. of Colorado. 90/01/25. 3pp. 52547:192-52547:194.

-9002050359 Proposed Tech Specs re administrative title changes to Section 7.1. \* Public Service Co. of Colorado. 90/01/25. 16pp. 52547:195-52547:210.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002140194 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Currently established preventive maint & Tech Spec surveillance activities on HXs remaining in svc will continue. CRAWFORD, A.C. Public Service Co. of Colorado. 90/02/06. Document Control Branch (Document Control Desk). 4pp. 52655:128-52655:131.

**Q. Inspection reports, IE Bulletins & correspondence**

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290044 Responds to NRC 891218 ltr re weaknesses noted in Insp Rept 50-267/89-22. Corrective actions: during power operations three licensed reactor operators will be present in control & short in emergency public address sys repaired. CRAWFORD, A.C. Public Service Co. of Colorado. 90/01/19. Document Control Branch (Document Control Desk). 4pp. 52468:089-52468:092.

9002050287 Forwards Insp Rept 50-267/90-02 on 900108-12. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/26. CRAWFORD, A.C. Public Service Co. of Colorado. 3pp. 52547:349-52547:355.

-9002050290 Insp Rept 50-267/90-02 on 900108-12. No violations or deviations noted. Major areas inspected: fire protection/ prevention program implementation & followup of previous insp findings. SINGHA, A., STETKA, T.F. Region 4, Ofc of the Director. 90/01/24. 4pp. 52547:352-52547:355.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 80-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002060328 Forwards Insp Rept 50-267/90-01 on 900108-12. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/30. CRAWFORD, A.C. Public Service Co. of Colorado. 4pp. 52555:189-52555:196.

-9002060337 Insp Rept 50-267/90-01 on 900108-12. No violations or deviations noted. Major areas inspected: QA program in view of decision to defuel & decommission facility. MCNEILL, W.M., BARNES, I. Region 4, Ofc of the Director. 90/01/25. 4pp. 52555:193-52555:196.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**V. Operator Examinations**

9002150309 Notifies of termination of MA Rhoton employment w/util, effective 900206. FULLER, C.H. Public Service Co. of Colorado. 90/02/06. Document Control Branch (Document Control Desk). 1p. 52668:241-52668:241.

## 40 DOCKETED ITEMS

### Y. Dry Cask Independent Spent Fuel Storage Installations

**9002070198** Notification of 900215 meeting w/util in Rockville, MD to discuss application for dry storage concrete module sys ISFSI to be located at plant.  
RUFFIN, S.R. Fuel Cycle Safety Branch. 90/02/05. ROBERTS, J.P. Fuel Cycle Safety Branch. 1p. 52598:224-52598:224.

**9002090372** Requests NRC concurrence to enable early const activity outside of reactor protected area involving bldg ISFSI access road in order for ISFSI site characterization study to be performed, per 891208 meeting.  
CRAWFORD, A.C. Public Service Co. of Colorado. 90/02/07. ROBERTS, J.P. Fuel Cycle Safety Branch. 3pp. 52599:085-52599:087.

**9002090226** Agenda for NRC/Public Svc Co of Colorado 900215 meeting.  
GOSS, D. Public Service Co. of Colorado. 90/02/08. ROBERTS, R. NRC - No Detailed Affiliation Given. 3pp. 52626:127-52626:129.

### DOCKET 50-269 OCONEE NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9001310484** Forwards revised license condition for plant, incorporating Rev 2 to ISFSI security program, for info.  
MCKEE, P. Reactor Safeguards Branch. 90/01/17. SJOBLOM, G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

**9002060243** Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMP-2, "News Group Plan." W/900131 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.

**-9002060249** Public version of Rev 33 to Crisis Mgt Implementing Procedure CMP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 273pp. 52561:011-52561:283.

**9002060150** Forwards public version of Rev 90-01 to Vol C to "Oconee Nuclear Station Implementing Procedures Emergency Plan" & Rev 89-03 to Vol A to "Oconee Nuclear Station Emergency Plan." W/900131 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52560:167-52561:007.

**-9002060155** Public version of Rev 90-01 to Vol C, "Implementing Procedures Manual."  
BARRON, H.B. Duke Power Co. 90/01/03. 30pp. 52560:169-52560:198.

**-9002060158** Public version of Rev 89-03 to Vol A to "Oconee Nuclear Station Emergency Plan."  
BARRON, H.B. Duke Power Co. 90/01/17. 169pp. 52560:199-52561:007.

**9002090048** Forwards Rev 30 to security plan, W/o encl.  
TUCKER, H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52608:043-52608:044.

**9002140198** Clarifies position re exercise weaknesses & inspector followup items noted in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29. Enhancements to communications equipment at simulator installed since last exercise.  
TUCKER, H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52655:156-52655:159.

#### P. Operating license stage documents & correspondence

**9002060174** Forwards notice of consideration of issuance of amendments to facility OLS & opportunity for hearing re request for amendments to licenses, revising Tech Specs to update LOCA limited max allowable linear heat rate.  
WIENS, L.A. Project Directorate II-3. 90/01/18. TUCKER, H.B. Duke Power Co. 2pp. 52584:275-52584:281.

**-9002060177** Notice of consideration of issuance of amendments to Licenses DPR-38, DPR-47 & DPR-55 & proposed NSHC determination & opportunity for hearing. Amendments update LOCA limited max allowable linear heat rate.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/18. 5pp. 52584:277-52584:281.

**9001310256** Forwards addl info in support of 870814 request for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec 3.4.4 to raise min upper surge tank level from 5 to 8 ft.  
TUCKER, H.B. Duke Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52511:199-52511:200.

**9001310093** Forwards suppl to 890831 proposed amend to auxiliary electrical sys Tech Specs, per 900109 & 10 meetings w/NRC. Technical justification & NSHC evaluation remains valid.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52503:114-52503:136.

**-9001310095** Proposed Tech Spec Pages 3.7-1 through 3.1-14 re auxiliary electrical sys.  
\* Duke Power Co. 90/01/24. 22pp. 52503:115-52503:136.

**9002010058** Requests approval to use Alloy 690 plugs as alternative to requirements of 10CFR55(a), codes & stds for plants prior to 900226.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.

**9002060092** Advises that util 891101 response to Generic Ltr 88-20 re individual plant exams acceptable. Anticipates that addl analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/24. TUCKER, H.B. Duke Power Co. 3pp. 52559:176-52559:178.

**9002070144** Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52587:012.

**-9002070149** "Nuclear Design Methodology Using CASMO-3/Simulate-3P."  
\* Duke Power Co. DPC-NE-1004. 90/01/31. 98pp. 52586:275-52587:012.

**9002060038** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.

**9002120258** Summary of 900109-10 meeting w/util re details of proposed changes to plant electrical sys Tech Specs.  
WIENS, L.A. Project Directorate II-3. 90/01/29. Project Directorate II-3. 4pp. 52630:156-52630:159.

**9002120270** Forwards Rev 0 to OSNE-0229.00-00-0009, "Oconee 1 Cycle 13 Core Operating Limits Rept."  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52617:237-52617:245.

**-9002120275** Rev 0 to "Oconee 1 Cycle 13 Core Operating Limits Rept."  
MCCLAIN, D. Duke Power Co. 90/01/15. 8pp. 52617:238-52617:245.

**9002120298** Advises of EPRI release of Mod 2 of VIPRE-01 computer code which intends to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52626:349-52626:357.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:083.

**9002090329** Forwards Amends 177, 177 & 174 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & environ assessment, per N Bruno 900115 request.  
INGRAM, R.K. Project Directorate II-3. 90/02/02. TEER, B.R. Trane Co. 1p. 52614:001-52614:029.

**9002130031** Summary of 900116-17 interface meeting w/util at site re licensing & regulatory issues. List of attendees, handouts & agenda encl.  
WIENS, L.A. Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.

**9002220322** Application for amends to Licenses DPR-38, DPR-47, DPR-55, NPF-9, NPF-17, NPF-35 & NPF-52. Amends involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER, H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.

**-9002220327** Proposed Tech Specs, relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 29pp. 52667:027-52667:055.

**-9002220329** Proposed Tech Specs, relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 77pp. 52667:056-52667:132.

**-9002220333** Proposed Tech Specs, relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 256pp. 52667:133-52668:028.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002020226** Forwards Insp Repts 50-269/89-37, 50-270/89-37 & 50-287/89-37 on 891127-1201 & notice of violation. Attention invited to unresolved item.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/17. TUCKER, H.B. Duke Power Co. 3pp. 52540:136-52540:148.

**-9002020228** Notice of violation from Insp on 891127-1201. Violation noted: util Inservice Insp plan for second period of second interval not in conformance w/ASME Section XI Code.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/17. 2pp. 52540:139-52540:140.

**-9002020232** Insp Repts 50-269/89-37, 50-270/89-37 & 50-287/89-37 on 891127-1201. Violation noted. Major areas inspected: Inservice Insp, including observation of work & work activities & review of actions re Unit 3, 2nd interval request for relief.  
COLEY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/10. 8pp. 52540:141-52540:148.

**9002080127** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedure for core reloading revised to include implementation of design engineering analyses.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

**9002120254** Responds to NRC 891229 ltr re violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31. Corrective actions: penetration 53 modified to allow Type C testing & valves 1N-131 & 1CA-29 on penetration 39 Type C tested.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52607:045-52607:047.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-008, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:328-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002140198 Clarifies position re exercise weaknesses & inspector followup items noted in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29. Enhancements to communications equipment at simulator installed since last exercise.  
TUCKER,H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52655:156-52655:159.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002150282 Revises response to violation 88-17-01 noted in Insp Repts 50-269/88-17, 50-270/88-17 & 50-287/88-17 re lack of applicable procedures for maint activities. Half of 600-volt breakers will be tested during each refueling outage.  
TUCKER,H.B. Duke Power Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52656:159-52656:161.

9002230182 Responds to NRC 900108 ltr re violations noted in Insp Repts 50-269/89-36, 50-270/89-36 & 50-287/89-36. Corrective action: operator closed 3lp-2 & 3lp-3 to stop loss of RCS inventory as indicated by decreasing level of letdown storage tank.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 10pp. 52709:237-52709:246.

9002230543 Responds to NRC 900117 ltr re violations noted in Insp Repts 50-269/89-36, 50-270/89-36 & 50-287/89-36. Corrective actions: error corrected in accordance w/ QA Procedure QA-513.  
TUCKER,H.B. Duke Power Co. 90/02/16. Document Control Branch (Document Control Desk). 4pp. 52715:358-52715:361.

#### R. Periodic operating reports & related correspondence

9001300173 Forwards monthly operating rept for Dec 1989 for Oconee Nuclear Station, Units 1, 2 & 3 & revised monthly operating status rept for Nov 1989 for Unit 2.  
TUCKER,H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52494:232-52494:251.

9001300174 Monthly operating repts for Dec 1989 for Oconee Nuclear Station, Units 1, 2 & 3.  
WILLIAMS,R.A. Duke Power Co. 89/12/31. 16pp. 52494:233-52494:248.

9001300176 Revised monthly operating status rept for Nov 1989 for Oconee Nuclear Station, Unit 2.  
WILLIAMS,R.A. Duke Power Co. 89/11/30. 3pp. 52494:249-52494:251.

9002280204 Forwards monthly operating repts for Jan 1990 for Oconee Nuclear Station, Units 1, 2 & 3 & monthly operating status rept for Dec 1989.  
TUCKER,H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk). 1p. 52721:334-52721:350.

9002230282 Monthly operating repts for Jan 1990 for Oconee Nuclear Station, Units 1, 2 & 3.  
WILLIAMS,R.A., MOSER,S.W. Duke Power Co. 90/01/31. 14pp. 52721:335-52721:349.

9002280206 Monthly operating status repts for Dec 1989 for Oconee Nuclear Station, Units 1, 2 & 3.  
\* Duke Power Co. 89/12/31. 1p. 52721:350-52721:350.

#### S. Reportable occurrences, LERs & related correspondence

9002060108 LER 90-001-00 on 891229, discovered that Tech Specs change on operating parameters not implemented. Caused by mgt deficiency & inadequate policy/directive. Personnel counseled & required setpoint changes completed. W/900126 ltr.  
LOWERY,H.R., BARRON,H.B. Duke Power Co. 90/01/28. 11pp. 52550:011-52550:021.

9002140213 Advises that LER 269/90-S01 re failure of security access control program will be submitted by 900219 in order to provide addl time to assure that comprehensive corrective actions developed & documented in rept.  
BARRON,H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52651:357-52651:357.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

9001310484 Forwards revised license condition for plant, incorporating Rev 2 to ISFSI security program, for info.  
MCKEE,P. Reactor Safeguards Branch. 90/01/17. SJOBLUM,G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

9002010273 Forwards License SNM-2503, authorizing 20-yr term to receive, possess, store & transfer spent fuel from units in ISFSI located at facility, per 10CFR72, SER & notice of issuance.  
SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/01/29. TUCKER,H.B. Duke Power Co. 4pp. 52514:303-52515:069.

9002010288 License SNM-2503, authorizing 20-yr term to receive, possess, store & transfer spent fuel from plant in ISFSI located at site.  
SJOBLUM,G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/29. 27pp. 52514:307-52514:333.

9002010294 Safety evaluation authorizing 20-yr term to receive, possess, store & transfer spent fuel in ISFSI located at facility.  
\* Office of Nuclear Material Safety & Safeguards, Director. 89/10/31. 92pp. 52514:334-52515:065.

9002010385 Notice of issuance of License SNM-2503 for ISFSI at facility.  
SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/01/29. 3pp. 52515:066-52515:069.

9002070204 Responds to 890308 request to review matl submitted by ltr, dtd 890210, amending neutron shield design of transfer cask proposed to be used in operation of plant ISFSI. Design mod in compliance w/ 10CFR72.48.  
ROBERTS,J.P. Fuel Cycle Safety Branch. 90/02/01. TUCKER,H.B. Duke Power Co. 2pp. 52605:008-52605:033.

9002070219 SER accepting design change to transfer cask for util ISFSI.  
\* Office of Nuclear Material Safety & Safeguards, Director. 90/02/28. 24pp. 52605:010-52605:033.

#### DOCKET 50-270 OCONEE NUCLEAR STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

9001310484 Forwards revised license condition for plant, incorporating Rev 2 to ISFSI security program, for info.  
MCKEE,P. Reactor Safeguards Branch. 90/01/17. SJOBLUM,G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

9002060243 Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan." W/900131 release memo.  
TUCKER,H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.

9002060249 Public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 273pp. 52561:011-52561:283.

9002060150 Forwards public version of Rev 90-01 to Vol C to "Oconee Nuclear Station Implementing Procedures Emergency Plan" & Rev 89-03 to Vol A to "Oconee Nuclear Station Emergency Plan." W/900131 release memo.  
TUCKER,H.B. Duke Power Co. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52560:167-52561:007.

9002060155 Public version of Rev 90-01 to Vol C, "Implementing Procedures Manual."  
BARRON,H.B. Duke Power Co. 90/01/03. 30pp. 52560:169-52560:198.

9002060158 Public version of Rev 89-03 to Vol A to "Oconee Nuclear Station Emergency Plan."  
BARRON,H.B. Duke Power Co. 90/01/17. 169pp. 52560:199-52561:007.

9002090048 Forwards Rev 30 to security plan, W/o encl.  
TUCKER,H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52608:043-52608:044.

9002140198 Clarifies position re exercise weaknesses & inspector followup items noted in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29. Enhancements to communications equipment at simulator installed since last exercise.  
TUCKER,H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52655:156-52655:159.

##### P. Operating license stage documents & correspondence

9002060174 Forwards notice of consideration of issuance of amends to facility OLS & opportunity for hearing re request for amends to licenses, revising Tech Specs to update LOCA limited max allowable linear heat rate.  
WIENS,L.A. Project Directorate II-3. 90/01/18. TUCKER,H.B. Duke Power Co. 2pp. 52584:275-52584:281.

9001310258 Forwards addl info in support of 870814 request for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec 3.4.4 to raise min upper surge tank level from 5 to 6 ft.  
TUCKER,H.B. Duke Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52511:199-52511:200.

9001310093 Forwards suppl to 890831 proposed amend to auxiliary electrical sys Tech Specs, per 900109 & 10 meetings w/NRC. Technical justification & NSHC evaluation remains valid.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52503:114-52503:136.

9001310095 Proposed Tech Spec Pages 3.7-1 through 3.1-14 re auxiliary electrical sys.  
\* Duke Power Co. 90/01/24. 22pp. 52503:115-52503:136.

9002010058 Requests approval to use Alloy 690 plugs as alternative to requirements of 10CFR55(a), codes & stds for plants prior to 900228.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.

9002060092 Advises that util 891101 response to Generic Ltr 88-20 re individual plant exams anticipates that addl analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/24. TUCKER,H.B. Duke Power Co. 3pp. 52559:176-52559:178.



## 42 DOCKETED ITEMS

**9002070144** Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52556:243-52557:012.

**9002060038** Responds to Generic Ltr 89-13. "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.

**9002120258** Summary of 900109-10 meeting w/utl re details of proposed changes to plant electrical sys Tech Specs.  
WIENS,L.A. Project Directorate II-3. 90/01/29. Project Directorate II-3. 4pp. 52630:156-52630:159.

**9002120298** Advises of EPRI release of Mod 2 of VIPRE-01 computer code which util intends to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52626:349-52626:357.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090329** Forwards Amends 177,177 & 174 to Licenses DPR-38,DPR-47 & DPR-55,respectively,safety evaluation & environ assessment, per N Bruno 900115 request.  
INGRAM,R.K. Project Directorate II-3. 90/02/02. TEER,B.R. Trane Co. 1p. 52614:001-52614:029.

**9002130031** Summary of 900116-17 interface meeting w/utl at site re licensing & regulatory issues.List of attendees,handouts & agenda encl.  
WIENS,L.A. Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.

**9002220322** Application for amends to Licenses DPR-38,DPR-47,DPR-55, NPF-9,NPF-17,NPF-35 & NPF-52.Amends involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.

**-9002220327** Proposed Tech Specs,relating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 29pp. 52667:027-52667:055.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002020226** Forwards Insp Repts 50-269/89-37,50-270/89-37 & 50-287/89-37 on 891127-1201 & notice of violation.Attention invited to unresolved item.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/17. TUCKER,H.B. Duke Power Co. 3pp. 52540:136-52540:148.

**-9002020228** Notice of violation from insp on 891127-1201.Violation noted:util inservice insp plan for second period of second interval not in conformance w/ASME Section XI Code.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/17. 2pp. 52540:139-52540:140.

**-9002020232** Insp Repts 50-269/89-37,50-270/89-37 & 50-287/89-37 on 891127-1201.Violation noted.Major areas inspected:inservice insp,including observation of work & work activities & review of actions re Unit 3,2nd interval request for relief.  
COLEY,J.L., BLAKE,J.J. Region 2, Ofc of the Director. 90/01/10. 6pp. 52540:141-52540:148.

**9002080127** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedure for core reloading revised to include implementation of design engineering analyses.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

**9002120254** Responds to NRC 891229 ltr re violations noted in Insp Repts 50-269/89-31,50-270/89-31 & 50-287/89-31.Corrective actions: penetration 53 modified to allow Type C testing & valves 1N-131 & 1CA-29 on penetration 39 Type C tested.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52607:045-52607:047.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002140198** Clarifies position re exercise weaknesses & inspector followup items noted in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29.Enhancements to communications equipment at simulator installed since last exercise.  
TUCKER,H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52655:156-52655:159.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150282** Revises response to violation 88-17-01 noted in Insp Repts 50-269/89-17,50-270/89-17 & 50-287/89-17 re lack of applicable procedures for maint activities.Half of 600-volt breakers will be tested during each refueling outage.  
TUCKER,H.B. Duke Power Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52656:159-52656:161.

**9002230182** Responds to NRC 900108 ltr re violations noted in Insp Repts 50-269/89-36,50-270/89-36 & 50-287/89-36.Corrective action: operator closed 3lp-2 & 3lp-3 to stop loss of RCS inventory as indicated by decreasing level of letdown storage tank.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 10pp. 52709:237-52709:246.

**9002230543** Responds to NRC 900117 ltr re violations noted in Insp Repts 50-269/89-36,50-270/89-36 & 50-287/89-36.Corrective actions: error corrected in accordance w/ QA Procedure QA-513.  
TUCKER,H.B. Duke Power Co. 90/02/16. Document Control Branch (Document Control Desk). 4pp. 52715:358-52715:361.

### R. Periodic operating reports & related correspondence

**9001300173** Forwards monthly operating rept for Dec 1989 for Oconee Nuclear Station,Units 1,2 & 3 & revised monthly operating status rept for Nov 1989 for Unit 2.  
TUCKER,H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52494:232-52494:251.

**-9001300174** Monthly operating repts for Dec 1989 for Oconee Nuclear Station,Units 1,2 & 3.  
WILLIAMS,R.A. Duke Power Co. 89/12/31. 16pp. 52494:233-52494:248.

**-9001300176** Revised monthly operating status rept for Nov 1989 for Oconee Nuclear Station,Unit 2.  
WILLIAMS,R.A. Duke Power Co. 89/11/30. 3pp. 52494:249-52494:251.

**9002280204** Forwards monthly operating repts for Jan 1990 for Oconee Nuclear Station,Units 1,2 & 3 & monthly operating status rept for Dec 1989.  
TUCKER,H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk). 1p. 52721:334-52721:350.

**-9002230262** Monthly operating repts for Jan 1990 for Oconee Nuclear Station,Units 1,2 & 3.  
WILLIAMS,R.A., MOSER,S.W. Duke Power Co. 90/01/31. 14pp. 52721:335-52721:349.

**-9002280206** Monthly operating status repts for Dec 1989 for Oconee Nuclear Station,Units 1,2 & 3.  
\* Duke Power Co. 89/12/31. 1p. 52721:350-52721:350.

### S. Reportable occurrences, LERs & related correspondence

**9002140213** Advises that LER 269/90-S01 re failure of security access control program will be submitted by 900219 in order to provide addl time to assure that comprehensive corrective actions developed & documented in rept.  
BARRON,H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52651:357-52651:357.

### Y. Dry Cask Independent Spent Fuel Storage Installations

**9001310484** Forwards revised license condition for plant,incorporating Rev 2 to ISFSI security program,for info.  
MCKEE,P. Reactor Safeguards Branch. 90/01/17. SJOBLUM,G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

**9002010273** Forwards License SNM-2503,authorizing 20-yr term to receive, possess,store & transfer spent fuel from units in ISFSI located at facility,per 10CFR72.SER & notice of issuance.  
SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/01/29. TUCKER,H.B. Duke Power Co. 4pp. 52514:303-52515:069.

**-9002010288** License SNM-2503,authorizing 20-yr term to receive,possess, store & transfer spent fuel from plant in ISFSI located at site.  
SJOBLUM,G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/27pp. 52514:307-52514:333.

**-9002010294** Safety evaluation authorizing 20-yr term to receive,possess, store & transfer spent fuel in ISFSI located at facility.  
\* Office of Nuclear Material Safety & Safeguards,Director. 89/10/31. 92pp. 52514:334-52515:065.

**-9002010385** Notice of Issuance of License SNM-2503 for ISFSI at facility.  
SJOBLUM,G.L. Fuel Cycle Safety Branch. 90/01/29. 3pp. 52515:066-52515:069.

**9002070204** Responds to 890308 request to review matl submitted by ltr, dtd 890210,amending neutron shield design of transfer cask proposed to be used in operation of plant ISFSI.Design mod in compliance w/10CFR72.48.  
ROBERTS,J.P. Fuel Cycle Safety Branch. 90/02/01. TUCKER,H.B. Duke Power Co. 2pp. 52605:008-52605:033.

-9002070219 SER accepting design change to transfer cask for util ISFSI.  
 \* Office of Nuclear Material Safety & Safeguards, Director. 90/02/28. 24pp.  
 52605:010-52605:033.

#### DOCKET 50-271 VERMONT YANKEE NUCLEAR POWER STATION

##### F. Security, medical, emergency & fire protection plans

9002060169 Dept Instruction 90-1 to Rev 2 to OP 3531, "Emergency Call- In Method."  
 PRTER, E.C. Yankee Atomic Electric Co. 90/01/15. 8pp. 52569:038-52569:045.

9002010376 Forwards addl info re testing of Cable Vault C02 suppression sys during 891031-1102, per NRC 890518 & 0821 requests. Encl final test rept demonstrates that carbon dioxide sys will satisfy design bases for greater than 10 minutes in room. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/01/16. Document Control Branch (Document Control Desk). 2pp. 52521:054-52521:299.

-9002010380 "Alternate Testing for C02 Full Discharge Test By Pressure Build & Tracer Gas Dilution Testing."  
 \* Vermont Yankee Nuclear Power Corp. 90/01/16. 12pp. 52521:074-52521:085.

9002220179 Responds to weaknesses noted in SALP Rept 50-271/88-99 for Jul 1988 to Sept 1989. Implementation of emergency response facility info sys nearing completion & remaining safety class vendor manuals will be completed during 1990. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/02/05. Document Control Branch (Document Control Desk). 7pp. 52696:057-52696:063.

##### G. Adjudicatory correspondence

9002080018 Notice of hearing.\* Hearing will be held on util proposed OL amend to extend expiration date of license approx 5 yrs from 071211 to 120907. Certificate of Svc encl. Served on 900130.  
 LAZO, R.M. Atomic Safety and Licensing Board Panel. #190 9759. 90/01/26. 4pp. 52539:087-52539:090.

9002080022 Memorandum & order (ruling on petition for leave to intervene filed by State of VT). \* State of VT request for hearing granted. State of VT Contentions I-XI rejected. Certificate of Svc encl. Served on 900130.  
 LAZO, R.M., HARBOUR, J., SHON, F.J. Atomic Safety and Licensing Board Panel. #190 9760. 90/01/26. Vermont, State of. 60pp. 52539:027-52539:086.

##### P. Operating license stage documents & correspondence

9002010376 Forwards addl info re testing of Cable Vault C02 suppression sys during 891031-1102, per NRC 890518 & 0821 requests. Encl final test rept demonstrates that carbon dioxide sys will satisfy design bases for greater than 10 minutes in room. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/01/16. Document Control Branch (Document Control Desk). 2pp. 52521:054-52521:299.

-9002010378 "Room Integrity Testing of Vermont Yankee Cable Spreading Room," final rept.  
 REID, B. Retrotec Energy Innovations, Ltd. 90/01/16. 18pp. 52521:056-52521:073.

-9002010380 "Alternate Testing for C02 Full Discharge Test By Pressure Build & Tracer Gas Dilution Testing."  
 \* Vermont Yankee Nuclear Power Corp. 90/01/16. 12pp. 52521:074-52521:085.

-9002010388 Test procedure, "Cable Vault Room Encl Integrity Test."  
 \* Vermont Yankee Nuclear Power Corp. 89/11/15. 214pp. 52521:086-52521:299.

9002020318 Ack receipt of 891030 response to Generic Ltr 89-16 re installation of hardened wetwell vent. Use of results of individual plant exams to develop supplemented criteria for vent mod design acceptable.  
 FAIRTILE, M.B. Project Directorate I-3. 90/01/19. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 3pp. 52524:117-52524:119.

9001310500 Forwards responses to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Establishment of program revs prior to startup from next refueling outage, scheduled for Fall 1990, planned.  
 MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/01/22. Document Control Branch (Document Control Desk). 11pp. 52498:110-52498:120.

9002060125 Notification of 900213 meeting w/util in Rockville, MD to discuss scheduling & prioritization of licensing actions.  
 FAIRTILE, M.B. Project Directorate I-3. 90/01/25. WESSMAN, R.H. Project Directorate I-3. 4pp. 52558:023-52558:026.

9002060237 Forwards Amend 118 to License DPR-28 & safety evaluation. Amend extends out-of-svc time for uninterruptible power supply to 30 days in limiting conditions for operation.  
 FAIRTILE, M.B. Project Directorate I-3. 90/01/26. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 6pp. 52585:065-52585:077.

-9002060240 Amend 118 to License DPR-28, changing Tech Specs by extending out-of-svc time for uninterruptible power supply from 7 to 30 days in limiting conditions for operation.  
 WESSMAN, R.H. Project Directorate I-3. 90/01/26. 4pp. 52585:071-52585:074.

-9002060245 Safety evaluation supporting Amend 118 to License DPR-28.  
 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/26. 3pp. 52585:075-52585:077.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
 PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120181 Responds to 891226 request for addl info re YAEC-1683 on MICBURN-3/CASMO-3/TABLES-3/SIMULATE-3 benchmarking. Hot eigenvalue std deviation on Table 5.7 of YAEC-1683 reduced to 0.00098 w/SIMULATE-3.  
 TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 90/02/02. JONES, R.C. Document Control Branch (Document Control Desk). 9pp. 52617:269-52617:277.

9002130005 Forwards Amend 119 to License DPR-28 & safety evaluation. Amend modifies Tech Spec 3.7.A.5.b & related bases, removing part of requirement that vacuum breaker be locked closed when pressure suppression chamber inoperable.  
 FAIRTILE, M.B. Project Directorate I-3. 90/02/05. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 6pp. 52646:243-52646:256.

-9002130006 Amend 119 to License DPR-28, revising Tech Spec 3.7.A.5.b & related bases by removing part of limiting condition for operation requirement that vacuum breaker be locked closed when pressure suppression chamber inoperable.  
 WESSMAN, R.H. Project Directorate I-3. 90/02/05. 5pp. 52546:249-52546:253.

-9002130008 Safety evaluation supporting Amend 119 to License DPR-28.  
 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 3pp. 52646:254-52646:256.

##### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
 BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310500 Forwards responses to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Establishment of program revs prior to startup from next refueling outage, scheduled for Fall 1990, planned.  
 MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/01/22. Document Control Branch (Document Control Desk). 11pp. 52498:110-52498:120.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
 ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
 ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
 ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
 ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
 ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
 ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
 CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220179 Responds to weaknesses noted in SALP Rept 50-271/88-99 for Jul 1988 to Sept 1989. Implementation of emergency response facility info sys nearing completion & remaining safety class vendor manuals will be completed during 1990.  
 MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/02/05. Document Control Branch (Document Control Desk). 7pp. 52696:057-52696:063.

##### R. Periodic operating reports & related correspondence

9002150141 Monthly operating rept for Jan 1990 for Vermont Yankee Nuclear Power Station. W/900210 ltr.  
 WALLIN, G.A., MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/01/31. 6pp. 52658:097-52658:102.

##### S. Reportable occurrences, LERs & related correspondence

9002020259 LER 89-026-00: on 891223 & 900105, primary containment isolation sys Group III isolation & standby gas treatment sys initiations occurred. Caused by failure of sensor converter. Isolation reset & monitor bypassed. W/900122 ltr.  
 PELLETIER, J.P. Vermont Yankee Nuclear Power Corp. 90/01/22. 5pp. 52536:046-52536:050.

##### V. Operator Examinations

9002140262 Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on forms by 900201.  
 GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 8pp. 52655:140-52655:147.

9002140119 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
 GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 8pp. 52653:133-52653:140.

## 44 DOCKETED ITEMS

### DOCKET 50-272 SALEM NUCLEAR GENERATING STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

- 9001300230** Forwards response to NRC 891220 ltr re violations noted in plant insps. Response withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52471:187-52471:188.
- 9002010253** Responds to concerns noted in procedures generation package safety evaluation. Review of emergency operating procedures unnecessary at present time. Concerns not previously addressed will be completed by 900630. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52531:258-52531:259.
- 9002060297** Forwards Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121-1231. No violations noted. SWETLAND, P.D. Region 1, Ofc of the Director. 90/01/26. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52555:281-52555:296.
- 9002060300** Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121-1231. No violations noted. Major areas inspected: operations, radiological controls, surveillance testing, maint, emergency preparedness, security & engineering/technical support. KENNY, T.J. Region 1, Ofc of the Director. 90/01/26. 14pp. 52555:283-52555:296.
- 9002160160** Forwards Safety Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12. No violations noted. DURR, J.P. Region 1, Ofc of the Director. 90/02/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52668:297-52668:306.
- 9002160162** Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12. No violations noted. Major areas inspected: status of previously identified App R issues, including use of manual carbon dioxide sys in ac switchgear room. PAOLINO, R.J., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52668:299-52668:306.
- 900220021** Forwards Revs 1 to security plan & security training & qualification plan & Rev 2 to security contingency plan. Salem switchyard project delayed. Revs withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52667:019-52667:020.

#### H. General correspondence

- 9002160203** Requests that listed individuals be deleted from svc list for facilities. Documents already sent to Dept of Environ Protection of State of NJ. ENGEL, R.F. New Jersey, State of. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52670:085-52670:086.

#### P. Operating license stage documents & correspondence

- 9002010102** Approves until 900111 request for extension until 900215 to complete procedure revs associated w/full-stroke tests of PORVs, per Generic Ltr 89-04 re inservice test program. STONE, J.C. Project Directorate I-2. 90/01/19. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52532:031-52532:032.
- 9001310527** Application for amend to License DPR-70, adding clarifying statements to channel functional test requirements, per Table 4.3-13 of Tech Spec 3.3.3.9. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/22. Document Control Branch (Document Control Desk). 8pp. 52498:051-52498:059.
- 9001310530** Proposed Tech Specs, clarifying statements to channel functional test requirements, per Table 4.3-13 of 3.3.3.9. \* Public Service Electric & Gas Co. of New Jersey. 90/01/22. 1p. 52498:059-52498:059.
- 9002090115** Forwards response to 891117 request for addl info re containment monitor channels. Channels capable of withstanding containment design loading conditions & acting as pressure boundary. Design specs encl. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 50pp. 52607:133-52607:228.
- 9002090193** Rev 1 to Procedure TCP-2L, "Nuclear Vessels Containment Liners." \* Public Service Electric & Gas Co. of New Jersey. 89/07/07. 4pp. 52607:196-52607:199.
- 9002090194** Rev 0 to Procedure TCP-4L, "Containment Bldg Liner." \* Public Service Electric & Gas Co. of New Jersey. 89/04/19. 29pp. 52607:200-52607:228.
- 9002130058** Forwards response to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." Aggressive program of monitoring, insp & matl replacement initiated in advance of Generic Ltr 89-13 issuance. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 19pp. 52645:311-52645:329.
- 9002070189** Forwards Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends update pressure-temp limits to 15 EPFY for Unit 1 & to 10 EPFY for Unit 2 based on results of analysis of surveillance capsules. STONE, J.C. Project Directorate I-2. 90/01/29. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52592:097-52592:138.
- 9002070191** Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively, updating pressure-temp limits for Unit 1 to 15 EPFY & to 10 EPFY for Unit 2, based on results of analysis of surveillance capsules. Limits will be included in next updated FSAR rev. BUTLER, W.R. Project Directorate I-2. 90/01/29. 34pp. 52592:100-52592:133.
- 9002070192** Safety evaluation supporting Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/29. 5pp. 52592:134-52592:138.

**9002060383** Forwards Amends 109 & 87 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends change min flow requirements for RHR sys from 3,000 gpm to 1,000 gpm. STONE, J.C. Project Directorate I-2. 90/01/30. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52559:156-52559:175.

**-9002060386** Amends 109 & 87 to Licenses DPR-70 & DPR-75, respectively, changing min flow requirements for RHR sys from 3,000 gpm to 1,000 gpm. BUTLER, W.R. Project Directorate I-2. 90/01/30. 14pp. 52559:159-52559:172.

**-9002060391** Safety evaluation supporting Amends 109 & 87 to Licenses DPR-70 & DPR-75, respectively, changing min flow requirements for RHR sys from 3,000 gpm to 1,000 gpm. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 3pp. 52559:173-52559:175.

**9002090016** Forwards corrected Tech Spec pages to 891114 Rev 3 of request for il- cense amend. License change would allow individual option of holding or having held senior reactor operator license as condition to be operations manager. PRESTON, B.A. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52607:312-52607:317.

**-9002090018** Corrected pages to 891114 Tech Specs re administrative controls. \* Public Service Electric & Gas Co. of New Jersey. 90/01/31. 4pp. 52607:314-52607:317.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300230** Forwards response to NRC 891220 ltr re violations noted in plant insps. Response withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52471:187-52471:188.

**9001310521** Forwards response to request for addl info re NRC Bulletin 88-002, "Rapid Propagating Cracks in Steam Generator Tubes." LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 8pp. 52498:121-52498:128.

**9002060324** Forwards Safety Insp Repts 50-272/89-28 & 50-311/89-25 on 891211-13. No violations noted. DURR, J.P. Region 1, Ofc of the Director. 90/01/25. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52560:040-52560:045.

**-9002060329** Insp Repts 50-272/89-28 & 50-311/89-25 on 891211-13. No violations noted. Major areas inspected: condition of facility storage tanks to find out what insp & maint activities conducted by licensee, LERs re tanks & corrective actions. MCBREARTY, R.A., STROSNIDER, J.R. Region 1, Ofc of the Director. 90/01/09. 4pp. 52560:042-52560:045.

**9002130052** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Guidelines incorporated into refueling package & into training of refueling personnel. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/25. Document Control Branch (Document Control Desk). 6pp. 52645:335-52645:340.

**9002060297** Forwards Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121-1231. No violations noted. SWETLAND, P.D. Region 1, Ofc of the Director. 90/01/26. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52555:281-52555:296.

**-9002060300** Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121-1231. No violations noted. Major areas inspected: operations, radiological controls, surveillance testing, maint, emergency preparedness, security & engineering/technical support. KENNY, T.J. Region 1, Ofc of the Director. 90/01/26. 14pp. 52555:283-52555:296.

**9002130058** Forwards response to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." Aggressive program of monitoring, insp & matl replacement initiated in advance of Generic Ltr 89-13 issuance. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 19pp. 52645:311-52645:329.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.



**9002140264** Suppls response to deviations noted in Insp Rept 50-272/89-13. Corrective actions: design change package will be developed to lower setpoints associated w/ R46A-E warning alarms & high alarms. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 5pp. 52653:234-52653:238.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130096** Forwards Radiological Controls Insp Repts 50-272/90-02 & 50-311/90-02 on 900108-12. No violations noted. BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/01. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52646:029-52646:037.

**-9002130098** Radiological Controls Insp Repts 50-272/90-02 & 50-311/90-02 on 900108-12. No violations noted. Major areas inspected: organization & staffing, licensee actions on previous findings, ALARA & outage planning. NIMFIZ, R.L., PASCIAK, W. Region 1, Ofc of the Director. 90/01/22. 7pp. 52646:031-52646:037.

**9002150241** Advises that NRC intends to perform team insp of maint program on 900409-13 & 0423-27 & requests that util furnish ref matl in order for NRC to prepare for insp & maximize onsite time spent in observation of maint in progress. GALLO, R.M. Region 1, Ofc of the Director. 90/02/01. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 14pp. 52675:101-52675:115.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160160** Forwards Safety Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12. No violations noted. DURR, J.P. Region 1, Ofc of the Director. 90/02/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52668:297-52668:306.

**-9002160162** Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12. No violations noted. Major areas inspected: status of previously identified App R issues, including use of manual carbon dioxide sys in ac switchgear room. PAOLINO, R.J., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52668:299-52668:306.

**9002220203** Advises that 900125 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," satisfactory, based on implementation of three listed actions. STONE, J.C. Project Directorate I-2. 90/02/12. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52696:117-52696:119.

#### R. Periodic operating reports & related correspondence

**9002050013** Forwards "Discharge Monitoring Rept for Dec 1989." No violations of permit occurred during rept period. MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/23. COPORALE, G. New Jersey, State of. 3pp. 52548:176-52548:196.

**-9002050015** "Discharge Monitoring Rept for Dec 1989." MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 89/12/31. 19pp. 52548:179-52548:196.

**9002220668** Monthly operating rept for Jan 1990 for Salem Unit 1.W/ 900212 ltr. ORTICELLE, A., WHITE, P., MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. 9pp. 52678:290-52678:298.

#### S. Reportable occurrences, LERs & related correspondence

**9001300330** LER 89-036-00: on 891220, steam generator. 13 blowdown radiation monitoring sys Channel 1R19C failed high, resulting in isolation of steam generator blowdown. Caused by equipment failure. Detector replaced & channel calibr. W/900117 ltr. POLLACK, M.J., MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/17. 4pp. 52494:100-52494:103.

**9002120223** LER 89-037-00: on 891228, steam generator blowdown isolated for all four steam generators. Caused by human factors engineering design error. Channel calibr successfully completed & precautions will be reviewed. W/900124 ltr. POLLACK, M.J., MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/24. 5pp. 52635:190-52635:194.

**9002090293** Supplemental Special Rept 88-3-16: on 880304, comprehensive review/insp of fire barrier penetration seals initiated. Cause of degraded fire barrier penetrations undetermined. Fire watch will continue until all concerns resolved. MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 12pp. 52626:131-52626:142.

**9002090313** LER 90-001-00: on 900106, containment purge/pressure-vacuum relief sys isolation signals initiated due to failures of radiation monitor channel 1R41. Caused by design/ equipment problem. Control modules retested. W/900215 ltr. POLLACK, M.J., MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. 5pp. 52598:078-52598:082.

**9002220020** LER 90-002-00: on 900117 & 0201, containment purge/pressure vacuum relief sys isolation signals initiated due to failures of radiation monitor channel 1R41. Caused by design/ equipment problem. Control modules retested. W/900215 ltr. POLLACK, M.J., MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/15. 5pp. 52679:045-52679:049.

**9002220043** LER 90-003-00: on 900122, plant vent radioactive noble gas monitor 1R41C spiked high, causing containment purge/pressure vacuum relief sys isolation signal. Caused by problems w/ Victoreen detector. Channel relay repaired. W/900215 ltr. POLLACK, M.J., MILLER, L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/15. 5pp. 52679:055-52679:059.

#### V. Operator Examinations

**9002140272** Forwards revised NRC Forms 396 & 398, personal qualifications statement & certification of medical exam by licensee, respectively. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52655:240-52655:247.

**9002010395** Advises of evaluation of requalification program & licensed personnel at plant scheduled for wk of 900402 & requests that employee be provided to complete exam team. ESELGROTH, P.W. Region 1, Ofc of the Director. 90/01/23. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52505:221-52505:228.

**9002140074** Informs that generic fundamentals exam section will conform to listed registration & exam process guidelines which will be included in next rev to NUREG-1021, in response to feedback received. Sampling plan encl. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52650:159-52650:166.

**9002090016** Forwards corrected Tech Spec pages to 891114 Rev 3 of request for license amend. License change would allow individual option of holding or having held senior reactor operator license as condition to be operations manager. PRESTON, B.A. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52607:312-52607:317.

#### DOCKET 50-274 U.S. GEOLOGICAL SURVEY RESEARCH REACTOR

##### H. General correspondence

**9002150065** Advises that L Filipek will replace author as reactor administrator on 900201. MILLARD, H.T. Interior, Dept. of, Geological Survey. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52656:207-52656:207.

##### R. Periodic operating reports & related correspondence

**9001290115** "USGS TRIGA Reactor Annual Rept 1989." W/900118 ltr. DEBEY, T.M. Interior, Dept. of, Geological Survey. 89/12/31. 6pp. 52454:158-52454:163.

#### DOCKET 50-275 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 1

##### F. Security, medical, emergency & fire protection plans

**9002220133** Forwards public version of Rev 7 to corporate ERPIP update. WOMACK, L.F. Pacific Gas & Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52668:072-52668:296.

**-9002220138** Public version of Rev 7 to corporate ERPIP update.  
\* Pacific Gas & Electric Co. 89/12/30. 63pp. 52668:076-52668:138.

**-9002220143** Public version of Rev 9 to Corporate ERPIP 1.1, Rev 8 to Corporate ERPIP 1.1 & Rev 5 to corporate ERPIP.  
\* Pacific Gas & Electric Co. 90/01/01. 158pp. 52666:139-52666:296.

**9002220106** Forwards public version of revised EPIPs, including Rev 17 to EP M-1 & EP M-6 & Rev 13 to EP G-2S1. W/900215 release memo. WOMACK, L.F. Pacific Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 4pp. 52682:069-52683:005.

**-9002220109** Public version of revised EPIPs, including Rev 17 to EP M-1 & EP M-6 & Rev 13 to EP G-2S1.  
\* Pacific Gas & Electric Co. 90/01/30. 293pp. 52682:073-52683:005.

##### G. Adjudicatory correspondence

**9002120351** Requests partial stay of Commission final rule & statement of policy re fitness for duty as applied to certain employees at plant, pending review of matter in US Ninth Circuit Court of Appeals. DALZELL, T. International Brotherhood of Electrical Workers. #190 9801. 90/02/02. CHILK, S.J. Office of the Secretary of the Commission. JULIAN, E. Docketing & Services Branch. 2pp. 52571:348-52571:349.

**9002080049** Order. \* Confirms that licensee & NRC will provide responses by C.O.B. on 900208 & 12, respectively, to matter involving NRC fitness for duty rule 10CFR26.1.W/ Certificate of Svc. Served on 900205. CHILK, S.J. Office of the Secretary of the Commission. #190 9787. 90/02/05. Office of the General Counsel (Post 860701). 2pp. 52537:106-52537:107.

**9002120337** Requests that Commission immediately order PG&E to refrain from conducting random drug testing until NRC &/or US Court of Appeals for Ninth Circuit rules on requests for stay. NATHAN, S.N. Neyhart, Anderson, Nussbaum, Reilly & Freltas. #190 9804. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. JULIAN, E. Docketing & Services Branch. 2pp. 52572:197-52572:198.

**9002150045** PG&E response in opposition to application for stay. \* Stay of random drug testing under NRC fitness for duty rule should be denied on basis of untimeliness & challenge having no merit. W/proof of svc. WHELAN, M.D. Pacific Gas & Electric Co. #190 9817. 90/02/08. Commissioners. 11pp. 52606:286-52606:296.

## 46 DOCKETED ITEMS

**9002150113** NRC Staff response to 900205 Commission order. Commission should treat plaintiff 900202 ltr as exemption request but not grant exemption from 10CFR26.24(a)(2).W/supporting info & Certificate of Svc. BODENICK,B.M. Assistant General Counsel for Hearings & Enforcement. #190 9841. 90/02/12. Commissioners. 45pp. 52606:310-52606:356.

### J. Insurance & Indemnity Information

**9002220632** Forwards listed endorsements to listed policies & certificates,including Endorsements 69,39 & 117 to NELIA Policies NF-228,NF-103 & NF-113,respectively & Endorsements 6 to MAELU Policies MW-73 & MW-135. LOCKER,R.F. Pacific Gas & Electric Co. 90/02/07. DINITZ,I. NRC - No Detailed Affiliation Given. 13pp. 52689:140-52689:152.

### P. Operating license stage documents & correspondence

**9002220174** Forwards update of plant drawings.W/o encl. WOMACK,L.F. Pacific Gas & Electric Co. 89/10/31. MARTIN,J.B. Region 5, Ofc of the Director. 1p. 52679:270-52679:270.

**9002220166** Forwards update of plant drawings.W/o encl. WOMACK,L.F. Pacific Gas & Electric Co. 89/11/30. MARTIN,J.B. Region 5, Ofc of the Director. 1p. 52679:215-52679:215.

**9002220149** Forwards update of plant drawings.W/o encl. WOMACK,L.F. Pacific Gas & Electric Co. 89/12/28. MARTIN,J.B. Region 5, Ofc of the Director. 1p. 52679:209-52679:209.

**9001290197** Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets.Suggested considerations for program attribute definition & training needs for sys engineers listed. KIRSCH,D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

**9001290304** Forwards listed documents,including M Reich 891129 ltr re Task Assignment 17,FIN A-3841 & Ltr Rept-08, "Review of Sys Analysis..." & requests add info re NRC review of plant long-term seismic program. ROOD,H. Project Directorate V. FIN A-3841. 90/01/19. SHIFFER,J.D. Pacific Gas & Electric Co. 4pp. 52473:006-52473:088.

**-9001290311** Forwards C Costantino & AS Veletsos repts on comments re plant 891102-03 long-term seismic soil interaction review panel meeting in San Francisco,CA. REICH,M. Brookhaven National Laboratory. FIN A-3841. 89/11/29. PICHUMANI,R. NRC - No Detailed Affiliation Given. 9pp. 52473:011-52473:019.

**-9001290314** Ltr Rept-08, "Review of Sys Analysis in DCPRA:Electrical Power Sys (Except Diesel Generator & Fuel Transfer Sys)." BOZOKI,G., FITZPATRICK,R., SASEK,M. Brookhaven National Laboratory. FIN A-3958. DCPRA-08. 89/12/31. NRC - No Detailed Affiliation Given. 67pp. 52473:020-52473:088.

**9002010405** Forwards responses to NRC questions on PRA re plant long-term seismic program & requests ack of receipt of ltr. SHIFFER,J.D. Pacific Gas & Electric Co. 90/01/23. Document Control Branch (Document Control Desk). 14pp. 52505:013-52505:026.

**9002010327** Forwards License Amend Request 90-01 to Licenses DPR-80 & DPR-82,revising Tech Spec 3.4.2.2, "Safety Valves-Operating," & associated bases to allow operation w/ one of three pressurizer safety valves inoperable. WALLACE,W.H. Pacific Gas & Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52504:173-52504:190.

**-9002010328** Application for amends to Licenses DPR-80 & DPR-82, consisting of License Amend Request 90-01,revising Tech Spec 3.4.2.2, "Safety Valves - Operating" & Bases 3/4.4.2 to allow operation w/one pressurizer safety valve inoperable. WALLACE,W.H. Pacific Gas & Electric Co. 90/01/25. 10pp. 52504:175-52504:184.

**-9002010330** Proposed Tech Specs 3.4.2.2, "Safety Valves - Operating" & associated bases to allow operation w/one pressurizer safety valve inoperable & disabled. \* Pacific Gas & Electric Co. 90/01/25. 6pp. 52504:185-52504:190.

**9002020082** Forwards proposed changes to Chapter 17 of updated FSAR. Section 17.1 qualification requirement for QA manager experience to be eliminated due to stated reason. SHIFFER,J.D. Pacific Gas & Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 10pp. 52539:114-52539:123.

**9002020035** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to visually inspect auxiliary saltwater intake structure during refueling outages. SHIFFER,J.D. Pacific Gas & Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 9pp. 52533:251-52533:259.

**9002220157** Forwards update of plant drawings.W/o encl. WOMACK,L.F. Pacific Gas & Electric Co. 90/01/29. MARTIN,J.B. Region 5, Ofc of the Director. 1p. 52683:017-52683:017.

**9002090282** Forwards response to request for addl info re License Amend Request 89-15 to revise Tech Spec Table 3.3-6, "Increase Alarm/Trip Setpoint of Spent Fuel Pool Storage Area Radiation Monitor," per NRC 900117 request. SHIFFER,J.D. Pacific Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 3pp. 52599:317-52599:319.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090044** Informs that util will inform NRC upon completion of qualified transducer installation at plant,currently scheduled for third refueling outage. SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52615:043-52615:043.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300389** Requests response to stated questions re excess overtime usage w/o appropriate mgt approvals & LER 1-89-17,dtd 900111,within 30 days,per licensee 900102 response to Insp Repts 50-275/89-23 & 50-323/89-23. ZIMMERMAN,R.P. Region 5, Ofc of the Director. 90/01/22. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 52475:016-52475:032.

**9002020040** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," Items 1,2 & 3. Licensee revised fuel loading procedures prior to Unit 1 refueling to incorporate fuel loading restrictions. SHIFFER,J.D. Pacific Gas & Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52526:184-52526:186.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 89pp. 52535:228-52535:329.

**9002080280** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking in High Hardness Type 410 Stainless Steel Internal Proloaded Bolting..." Design review identified 25 Velan check valves & 1 Atwood Morrill check valve. BRAND,D.A. Pacific Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 6pp. 52609:080-52609:085.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002080351** Responds to NRC Bulletin 88-011 & forwards nonproprietary WCAP-12416, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line," & proprietary WCAP-12415.Proprietary rept withheld (ref 10CFR2.790(b)(4)). SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52612:314-52612:321.

**-9002080357** Requests that proprietary WCAP-12415, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line," be withheld (ref 10CFR2.790(b)(4)). WIESEMANN,R.A. Westinghouse Electric Corp. 89/12/18. MURLEY,T. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 52612:318-52612:325.

**-9002080361** Nonproprietary WCAP-12416, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line." COSLOW,B.J., MAURER,B.F., MUTYALA,B.R. Westinghouse Electric Corp. WCAP-12416. 89/11/30. 156pp. 52612:326-52612:321.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002070436** Discusses Insp Repts 50-275/89-29 & 50-323/89-29 on 891120-22 & forwards notice of violation. MARTIN,J.B. Region 5, Ofc of the Director. 90/02/02. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 52587:180-52587:182.

**-9002070444** Notice of violation from insp on 891120-22.Violations noted: from 880901-890108,licensee assigned individual w/o senior operator license as shift supervisor for on-duty shift. MARTIN,J.B. Region 5, Ofc of the Director. 90/02/02. 1p. 52587:182-52587:182.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

**9002130194** Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### R. Periodic operating reports & related correspondence

**9002080210** "Annual Summary Rept on Discharge Monitoring at Diablo Canyon Power Plant for 1989." W/900130 ltr. TOWNSEND,J.D. Pacific Gas & Electric Co. 89/12/31. LEONARD,W. California, State of. 42pp. 52609:301-52609:343.

**9002220474** Monthly operating repts for Jan 1990 for Diablo Canyon Units 1 & 2.W/ 900215 ltr.  
BEDESEM,P., TOWNSEND,J.D. Pacific Gas & Electric Co. 90/01/31. 10pp. 52696:001-52696:010.

#### S. Reportable occurrences, LERs & related correspondence

**9002220196** PNO-V-90-006:earthquake of 3.9 magnitude actuated seismic monitoring instrumentation.Moderate earthquake declared & appropriate walkdowns & verifications performed per emergency plan procedures.  
MENDONCA,M., NARBUT,P. Region 5, Ofc of the Director. 90/02/06. 1p. 52682:046-52682:046.

**9002230145** LER 90-001-00:on 900110,Tech Spec 4.5.4.2.a surveillance test interval for boric acid heat tracing sys & boric acid injection tank exceeded & flow path not energized.Caused by personnel error.Procedure revised.W/900209 ltr.  
GREBEL,T.L., SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/09. 6pp. 52713:101-52713:106.

#### U. Congressional/Executive Correspondence

**9002050024** Discusses RB Clough vs NRC & SA Hiett vs PSE&G challenging random drug testing plans,per NRC fitness for duty rule 10CFR26.Recipient will be kept apprised of developments in cases.  
CORDES,J.F. Solicitor (Post 860701). 90/01/09. BREAU,J.B. Senate, Environment & Public Works. SHARP,P. House of Rep., Environment & Public Works. UDALL,M.K. House of Rep., Interior & Insular Affairs. 10pp. 52542:054-52542:063.

#### V. Operator Examinations

**9002070436** Discusses Insp Repts 50-275/89-29 & 50-323/89-29 on 891120-22 & forwards notice of violation.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/02/02. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 52587:180-52587:182.

**-9002070444** Notice of violation from Insp on 891120-22.Violations noted: from 880901-890106,licensee assigned individual w/o senior operator license as shift supervisor for on-duty shift.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/02/02. 1p. 52587:182-52587:182.

#### DOCKET 50-277 PEACH BOTTOM ATOMIC POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9002010108** Forwards public version of emergency response procedures, including Rev 11 to App 1 to ERP-110,Rev 8 to App 2 to ERP-110,Rev 6 to App 1 to ERP-140,Rev 9 to App 2 to ERP-140 & Rev 10 to App 3 to ERP-140.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/04. Document Control Branch (Document Control Desk). 2pp. 52523:262-52523:308.

**-9002010114** Public version of revised emergency response procedures, including Rev 11 to App 1 to ERP-110,Rev 8 to App 2 to ERP-110,Rev 6 to App 1 to ERP-140,Rev 9 to App 2 to ERP-140 & Rev 10 to App 3 to ERP-140.  
\* Philadelphia Electric Co. 89/12/08. 78pp. 52523:264-52523:308.

**9001290038** Rev 2 to EPIP ERP-316, "Cumulative Population Dose Calculations for Airborne Release-Manual Method." W/900117 ltr.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/17. 28pp. 52451:296-52451:323.

**9002010375** Advises that 891226 Rev 5 to safeguards contingency plan consistent w/ provisions of 10CFR50.54(p) & acceptable.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/18. HUNGER,G.A. Philadelphia Electric Co. 3pp. 52522:227-52522:229.

**9002220100** Forwards public version of revised emergency response procedures,including Rev 4 to ERP-101,App 1 to Rev 12 to ERP-110,App 2 to Rev 9 to ERP-110,Rev 4 to ERP-260 & Rev 3 to ERP-710.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 10pp. 52671:111-52671:180.

**-9002220102** Public version of revised emergency response procedures, including Rev 4 to ERP-101,App 1 to Rev 12 to ERP-110,App 2, Rev 9 to ERP-110,Rev 4 to ERP-260 & Rev 3 to ERP-710.  
\* Philadelphia Electric Co. 90/01/25. 87pp. 52671:118-52671:190.

**9002120279** Provides info re emergency response organization exercises for plants.Exercises & callouts would necessitate activation of combined emergency operations facility approx eight times per yr,w/some being performed off-hours & unannounced.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52627:192-52627:193.

**9002220071** "Scenario Manual for Peach Bottom Atomic Power Station Emergency Response Annual Exercise."  
\* Philadelphia Electric Co. 90/02/07. 344pp. 52718:103-52718:086.

#### H. General correspondence

**9002130133** Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions:policy statement.Utl uncertain as to whether changes necessary.  
HUNGER,G.A. Philadelphia Electric Co. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52617:355-52617:356.

#### J. Insurance & indemnity information

**9001310515** Forwards executed Amend 22 to Indemnity Agreement B-28.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/24. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52498:157-52498:160.

#### P. Operating license stage documents & correspondence

**9001290090** Advises that NRC will not proceed w/backfit analyses of facility,based on util commitment to install mods to hardened wetwell vent,per Generic Ltr 89-16.All vent mods should be completed by Jan 1993.  
SUH,G.Y. Project Directorate I-2. 90/01/22. HUNGER,G.A. Philadelphia Electric Co. 5pp. 52454:107-52454:111.

**9002080367** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plants have established preventive maint program for intake structure & routine treatment of svc water sys w/biocide to control biofouling.  
HELWIG,D.R. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 13pp. 52588:188-52588:200.

**9002080008** Forwards application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Request 89-17.Amends will eliminate redundant testing requirements from Section 4.5, "Core & Containment Cooling Sys." of Tech Specs.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52588:084-52588:162.

**-9002080010** Application for amends to Licenses DPR-44 & DPR-56, consisting of proposed Tech Spec Change Request 89-17, eliminating redundant testing requirements from Section 4.5, "Core & Containment Cooling Sys."  
\* Philadelphia Electric Co. 90/01/30. 24pp. 52588:086-52588:109.

**-9002080039** Proposed Tech Specs,consisting of Tech Specs Change Request 89-17,eliminating redundant testing requirements from Section 4.5, "Core & Containment Cooling Sys."  
\* Philadelphia Electric Co. 90/01/30. 53pp. 52588:110-52588:162.

**9002080235** Provides certification re implementation of fitness for duty program per 10CFR26 at plants.  
HELWIG,D.R. Philadelphia Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52588:165-52588:166.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220256** Advises that licensee 890421 plant-specific analysis to support 35.4 s alternate rod injection sys function time acceptable.  
SUH,G.Y. Project Directorate I-2. 90/02/09. HUNGER,G.A. Philadelphia Electric Co. 4pp. 52689:128-52689:131.

**9002230444** Application for amend to License DPR-44,consisting of Tech Spec Change Request 90-04,permitting continued plant operation w/one automatic depressurization sys valve inoperable until mid-cycle outage beginning on 900303.  
HUNGER,G.A. Philadelphia Electric Co. 90/02/14. Document Control Branch (Document Control Desk). 8pp. 52702:256-52702:271.

**-9002230446** Proposed Tech Specs re limiting conditions for operation & surveillance requirements for automatic depressurization sys valves.  
\* Philadelphia Electric Co. 90/02/14. 8pp. 52702:264-52702:271.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002070210** Forwards Exam Repts 50-277/89-180L & 50-278/89-180L administered during wks of 890814 & 0918.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/23. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52592:182-52592:267.

**-9002070215** Exam Rept 50-277/89-180L & 50-278/89-180L during wks of 890814 & 0918.Exam results:written exams & operating tests administered to six senior reactor operator candidates.One candidate failed operating exam.  
SISCO,C., CONTER, Region 1, Ofc of the Director. 90/01/23. 84pp. 52592:184-52592:267.

**9002070275** Forwards Exam Rept 50-277/89-270L & 50-278/89-270L administered during wk of 891211.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/26. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52586:109-52586:211.

**-9002070276** Exam Repts 50-277/89-270L & 50-278/89-270L on 891212-14.Exam results:two reactor operator candidates given written & operating exams passed.  
BONNETT,F.P., HOWE,A.G., CONTER,R.J. Region 1, Ofc of the Director. 90/01/25. 101pp. 52586:111-52586:211.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Installation Mati Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002080222** Forwards semiannual human resource repts on progress made towards meeting operator resource development & cultural-related commitments for Aug 1989 - Jan 1990,per NRC Insp Repts 50-277/89-81 & 50-278/89-81.  
SMITH,D.M. Philadelphia Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52594:191-52594:197.

## 48 DOCKETED ITEMS

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002070361** Forwards Combined Safety Insp Repts 50-277/90-05 & 50-278/90-05 on 900122-26.No violations or deviations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/31. MCNEILL,C.A. Philadelphia Electric Co. 3pp. 52587:243-52587:251.

**-9002070369** Combined Insp Repts 50-277/90-05 & 50-278/90-05 on 900122-26.No violations or deviations noted.Major areas inspected:transportation & solid radwaste programs,including mgt controls,audits,QA & implementation of programs.  
FURIA,J., BORES,R. Region 1, Ofc of the Director. 90/01/30. 6pp. 52587:248-52587:251.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52558:238-52558:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002140221** Partial response to FOIA request for documents.App Q documents encl.App Q & S documents available in PDR.App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN,D. Blecher & Collins. 15pp. 52631:235-52632:013.

**-8605190270** Forwards Insp Rept 99901054 for ASCO Electric Products,Inc re failures of molded case circuit breakers in reactor protection sys monitoring panels.W/o encl.  
ZECH,G.G. Vendor Program Br,Div of QA/Vendor & Technical Training Center Programs,IE. 86/05/13. STAROSTECKI,R. Region 1, Ofc of the Director. 1p. 52632:150-52632:161.

### R. Periodic operating reports & related correspondence

**9002050286** "1989 Annual Rept on Safety Relief Challenges at Peach Bottom Atomic Station," per TMI Action Plan Item ILK.3.  
SMITH,D.M. Philadelphia Electric Co. 90/01/16. 1p. 52547:253-52547:253..

### S. Reportable occurrences, LERs & related correspondence

**9001310028** LER 89-033-00:on 891220,full scram signal received when technician performed surveillance on APRM D.Caused by procedural deficiencies & inattention to detail by technician.Technician counseled.W/900119 ltr.  
CRIBBE,T.E., SMITH,D.M. Pennsylvania Electric Co. 90/01/19. 5pp. 52494:151-52494:155.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### V. Operator Examinations

**9002140298** Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee - & certification of medical exam by facility licensee,respectively.Applications for licenses should be submitted on encl forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. MCNEILL,C.A. Philadelphia Electric Co. 8pp. 52655:132-52655:139.

**9002070210** Forwards Exam Repts 50-277/89-18OL & 50-278/89-18OL administered during wks of 890814 & 0918.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/23. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52592:182-52592:267.

**-9002070215** Exam Rept 50-277/89-18OL & 50-278/89-18OL during wks of 890814 & 0918.Exam results:written exams & operating tests administered to six senior reactor operator candidates.One candidate failed operating exam.  
SISCO,C., CONTE,R. Region 1, Ofc of the Director. 90/01/23. 84pp. 52592:184-52592:267.

**9002140113** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MCNEILL,C.A. Philadelphia Electric Co. 8pp. 52655:352-52655:359.

**9002070275** Forwards Exam Rept 50-277/89-27OL & 50-278/89-27OL administered during wk of 891211.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/26. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52586:109-52586:211.

**-9002070276** Exam Repts 50-277/89-27OL & 50-278/89-27OL on 891212-14.Exam results:two reactor operator candidates given written & operating exams passed.  
BONNETT,F.P., HOWE,A.G., CONTE,R.J. Region 1, Ofc of the Director. 90/01/25. 101pp. 52586:111-52586:211.

**9002080222** Forwards semiannual human resource repts on progress made towards meeting operator resource development & cultural-related commitments for Aug 1989 - Jan 1990,per NRC Insp Repts 50-277/89-81 & 50-278/89-81.  
SMITH,D.M. Philadelphia Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52594:191-52594:197.

## DOCKET 50-278 PEACH BOTTOM ATOMIC POWER STATION, UNIT 3

### F. Security, medical, emergency & fire protection plans

**9002010108** Forwards public version of emergency response procedures, including Rev 11 to App 1 to ERP-110,Rev 8 to App 2 to ERP-110,Rev 6 to App 1 to ERP-140,Rev 9 to App 2 to ERP-140 & Rev 10 to App 3 to ERP-140.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/04. Document Control Branch (Document Control Desk). 2pp. 52523:262-52523:309.

**-9002010114** Public version of revised emergency response procedures, including Rev 11 to App 1 to ERP-110,Rev 8 to App 2 to ERP-110,Rev 6 to App 1 to ERP-140,Rev 9 to App 2 to ERP-140 & Rev 10 to App 3 to ERP-140.  
\* Philadelphia Electric Co. 89/12/08. 78pp. 52523:264-52523:309.

**9001290038** Rev 2 to EPIP ERP-316, "Cumulative Population Dose Calculations for Airborne Release-Manual Method." W/900117 ltr.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/17. 28pp. 52451:296-52451:323.

**9002010375** Advises that 891226 Rev 5 to safeguards contingency plan consistent w/ provisions of 10CFR50.54(p) & acceptable.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/18. HUNGER,G.A. Philadelphia Electric Co. 3pp. 52522:227-52522:229.

**9002220100** Forwards public version of revised emergency response procedures,including Rev 4 to ERP-101,App 1 to Rev 12 to ERP-110,App 2 to Rev 9 to ERP-110,Rev 4 to ERP-260 & Rev 3 to ERP-710.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 10pp. 52671:111-52671:190.

**-9002220102** Public version of revised emergency response procedures, including Rev 4 to ERP-101,App 1 to Rev 12 to ERP-110,App 2, Rev 9 to ERP-110,Rev 4 to ERP-260 & Rev 3 to ERP-710.  
\* Philadelphia Electric Co. 90/01/25. 87pp. 52671:118-52671:190.

**9002120279** Provides info re emergency response organization exercises for plants.Exercises & callouts would necessitate activation of combined emergency operations facility approx eight times per yr,w/some being performed off-hours & unannounced.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52627:192-52627:193.

**9002220071** "Scenario Manual for Peach Bottom Atomic Power Station Emergency Response Annual Exercise."  
\* Philadelphia Electric Co. 90/02/07. 344pp. 52718:103-52719:086.

### H. General correspondence

**9002130133** Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions:policy statement.Utl uncertain as to whether changes necessary.  
HUNGER,G.A. Philadelphia Electric Co. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52617:355-52617:356.

### J. Insurance & Indemnity Information

**9001310515** Forwards executed Amend 22 to Indemnity Agreement B-28.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/24. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52498:157-52498:160.

### P. Operating license stage documents & correspondence

**9001290090** Advises that NRC will not proceed w/backfit analyses of facility,based on util commitment to install mods to hardened wetwell vent,per Generic Ltr 89-16.All vent mods should be completed by Jan 1993.  
SUH,G.Y. Project Directorate I-2. 90/01/22. HUNGER,G.A. Philadelphia Electric Co. 5pp. 52454:107-52454:111.

**9002080367** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plants have established preventive maint program for intake structure & routine treatment of svc water sys w/bioicide to control biofouling.  
HELWIG,D.R. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 13pp. 52588:188-52588:200.

**9002080008** Forwards application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Request 89-17.Amends will eliminate redundant testing requirements from Section 4.5, "Core & Containment Cooling Sys," of Tech Specs.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52588:084-52588:162.

**-9002080010** Application for amends to Licenses DPR-44 & DPR-56, consisting of proposed Tech Spec Change Request 89-17, eliminating redundant testing requirements from Section 4.5, "Core & Containment Cooling Sys."  
\* Philadelphia Electric Co. 90/01/30. 24pp. 52588:086-52588:109.

**-9002080039** Proposed Tech Specs,consisting of Tech Specs Change Request 89-17,eliminating redundant testing requirements from Section 4.5, "Core & Containment Cooling Sys."  
\* Philadelphia Electric Co. 90/01/30. 53pp. 52588:110-52588:162.

**9002080235** Provides certification re implementation of fitness for duty program per 10CFR26 at plants.  
HELWIG,D.R. Philadelphia Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52588:165-52588:166.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 38pp. 52637:055-52637:093.



9002220256 Advises that licensee 890421 plant-specific analysis to support 35.4 s alternate rod injection sys function time acceptable.  
SUH,G.Y. Project Directorate I-2. 90/02/09. HUNGER,G.A. Philadelphia Electric Co. 4pp. 52689:128-52689:131.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002070210 Forwards Exam Repts 50-277/89-18OL & 50-278/89-18OL administered during wks of 890814 & 0918.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/23. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52592:182-52592:267.

-9002070215 Exam Rept 50-277/89-18OL & 50-278/89-18OL during wks of 890814 & 0918. Exam results: written exams & operating tests administered to six senior reactor operator candidates. One candidate failed operating exam.  
SISCO,C. Region 1, Ofc of the Director. 90/01/23. 84pp. 52592:184-52592:267.

9002070275 Forwards Exam Rept 50-277/89-27OL & 50-278/89-27OL administered during wk of 891211.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/26. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52586:109-52586:211.

-9002070276 Exam Repts 50-277/89-27OL & 50-278/89-27OL on 891212-14. Exam results: two reactor operator candidates given written & operating exams passed.  
BONNETT,F.P. Region 1, Ofc of the Director. 90/01/25. 101pp. 52586:111-52586:211.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002080222 Forwards semiannual human resource repts on progress made towards meeting operator resource development & cultural-related commitments for Aug 1989 - Jan 1990, per NRC Insp Repts 50-277/89-81 & 50-278/89-81.  
SMITH,D.M. Philadelphia Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52594:191-52594:197.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9002070361 Forwards Combined Safety Insp Repts 50-277/90-05 & 50-278/90-05 on 900122-26. No violations or deviations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/31. MCNEIL,C.A. Philadelphia Electric Co. 3pp. 52587:243-52587:251.

-9002070369 Combined Insp Repts 50-277/90-05 & 50-278/90-05 on 900122-26. No violations or deviations noted. Major areas inspected: transportation & solid radwaste programs, including mgt controls, audits, QA & implementation of programs.  
FURIA,J., BORES,R. Region 1, Ofc of the Director. 90/01/30. 6pp. 52587:246-52587:251.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002140221 Partial response to FOIA request for documents. App Q documents encl. App Q & S documents available in PDR. App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN,D. Blecher & Collins. 15pp. 52631:235-52632:013.

-8605190270 Forwards Insp Rept 99901054 for ASCO Electric Products, Inc re failures of molded case circuit breakers in reactor protection sys monitoring panels. W/o encl.  
ZECH,G.G. Vendor Program Br. Div of QA, Vendor & Technical Training Center Programs, IE. 86/05/13. STAROSTECKI,R. Region 1, Ofc of the Director. 1p. 52632:150-52632:161.

#### R. Periodic operating reports & related correspondence

9002050286 "1989 Annual Rept on Safety Relief Challenges at Peach Bottom Atomic Station," per TMI Action Plan Item II.K.3.  
SMITH,D.M. Philadelphia Electric Co. 90/01/16. 1p. 52547:253-52547:253.

#### S. Reportable occurrences, LERs & related correspondence

9001300202 LER 89-012-00: on 891222, determined potential existed for loss of reactor coolant inventory beyond makeup capability of RCIC for fire in Fire Area 13N. Caused by misapplication of analysis. Hourly roving firewatch posted. W/900122 ltr.  
CRIBBE,T.E., SMITH,D.M. Philadelphia Electric Co. 90/01/22. 4pp. 52494:082-52494:085.

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### V. Operator Examinations

9002140298 Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on encl forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. MCNEIL,C.A. Philadelphia Electric Co. 8pp. 52655:132-52655:139.

9002070210 Forwards Exam Repts 50-277/89-18OL & 50-278/89-18OL administered during wks of 890814 & 0918.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/23. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52592:182-52592:267.

-9002070215 Exam Rept 50-277/89-18OL & 50-278/89-18OL during wks of 890814 & 0918. Exam results: written exams & operating tests administered to six senior reactor operator candidates. One candidate failed operating exam.  
SISCO,C., CONTE,R. Region 1, Ofc of the Director. 90/01/23. 84pp. 52592:184-52592:267.

9002140113 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MCNEIL,C.A. Philadelphia Electric Co. 8pp. 52655:352-52655:359.

9002070275 Forwards Exam Rept 50-277/89-27OL & 50-278/89-27OL administered during wk of 891211.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/26. MCNEIL,C.A. Philadelphia Electric Co. 2pp. 52586:109-52586:211.

-9002070276 Exam Repts 50-277/89-27OL & 50-278/89-27OL on 891212-14. Exam results: two reactor operator candidates given written & operating exams passed.  
BONNETT,F.P., HOWE,A.G., CONTE,R.J. Region 1, Ofc of the Director. 90/01/25. 101pp. 52586:111-52586:211.

9002080222 Forwards semiannual human resource repts on progress made towards meeting operator resource development & cultural-related commitments for Aug 1989 - Jan 1990, per NRC Insp Repts 50-277/89-81 & 50-278/89-81.  
SMITH,D.M. Philadelphia Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52594:191-52594:197.

#### DOCKET 50-280 SURRY POWER STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9001290001 Forwards "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'" & "Surry... Table 5.1, 'Min Staffing Requirements...'" for approval, per 10CFR50.54(q), NUREG-0654 & NUREG-0737, Suppl 1.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52469:060-52469:076.

-9001290002 Draft "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies.'" \* Virginia Power (Virginia Electric & Power Co.). 90/01/17. 5pp. 52469:062-52469:066.

-9001290003 Draft "Surry Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies.'" \* Virginia Power (Virginia Electric & Power Co.). 90/01/17. 10pp. 52469:067-52469:076.

9001310385 Rev 23 to EPIP-1.01, "Emergency Manager Controlling Procedure." W/ 900122 ltr.  
COSTELLO,J.B., HALL,B.R., STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/22. 50pp. 52504:006-52504:055.

9002150273 Forwards summary of 900116 meeting w/ util in Region II ofc re status rept on emergency preparedness upgrade program.  
STOHR,J.P. Region 2, Ofc of the Director. 90/01/31. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52677:004-52677:008.

9002160073 Informs that dates for emergency operating procedure insp revised to 900402-12.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/01. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52679:083-52679:084.

#### H. General correspondence

9001300323 Requests that future correspondence from NRC re ISFSI be addressed to author at listed address & that listed individuals be included in carbon copy distribution.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:070-52490:071.

## 50 DOCKETED ITEMS

### P. Operating license stage documents & correspondence

- 9002090017** Forwards summary of 900111 mgt meeting at plant nuclear info ctr re activities authorized for facility & status discussion of ongoing improvement efforts. List of attendees & handouts used at meeting also encl.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/25. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 61pp. 52614:064-52614:124.
- 9002050375** Forwards Amends 136 to Licenses DPR-32 & DPR-37 & safety evaluation. Amends delete "buddy sys" requirement for entry into high radiation areas & rewrite Tech Spec 6.4.B, per format of Rev 4 to NUREG-0452 re Westinghouse PWR STS.  
BUCKLEY, B.C. Project Directorate II-2. 90/01/29. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52542:194-52542:207.
- 9002050379** Amends 136 to Licenses DPR-32 & DPR-37, deleting "buddy sys" requirement for entry into high radiation area & rewriting Tech Spec 6.4.B using format of Rev 4 to NUREG-0452, "STS for Westinghouse PWRs."  
BERKOW, H.N. Project Directorate II-2. 90/01/29. 8pp. 52542:197-52542:204.
- 9002050384** Safety evaluation supporting Amends 136 to Licenses DPR-32 & DPR-37. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/29. 2pp. 52542:205-52542:207.
- 9002070306** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Belief in appropriateness to address Generic Ltr 89-13 concerns within context of established programmatic improvements noted.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52604:267-52604:276.
- 9002060285** Notification of 900214 meeting w/util in Rockville, MD to discuss plant licensing issues.  
BUCKLEY, B.C. Project Directorate II-2. 90/01/31. BERKOW, H.N. Project Directorate II-2. 4pp. 52555:168-52555:171.
- 9002130344** Notification that 900214 meeting w/util in Rockville, MD to discuss plant licensing issues rescheduled for 900216.  
BUCKLEY, B.C. Project Directorate II-2. 90/01/31. BERKOW, H.N. Project Directorate II-2. 2pp. 52647:121-52647:122.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002080201** Application for amends to Licenses DPR-32 & DPR-37, replacing independent/operational event review group w/mgt safety review committee as organization responsible for offsite review function.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52594:109-52594:132.
- 9002080203** Proposed Tech Specs re 6.0, "Administrative Controls" covering organization, safety & operation review, station nuclear safety & operating committee & composition & membership of committee.  
\* Virginia Power (Virginia Electric & Power Co.). 90/02/01. 21pp. 52594:112-52594:132.
- 9002080206** Withdraws 891018 application for amends to Licenses DPR-32 & DPR-37, increasing pressurizer safety valve setpoint tolerance to +/- 3% of nominal lift setpoint. Emergency Tech Spec change granted on 891116 provided modified tolerances.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52593:227-52593:228.
- 9002130121** Forwards Amends 137 to Licenses DPR-32 & DPR-37 & safety evaluation. Amends change Table 4.1-1, item 36 by replacing "automatic shunt trip" device test w/"automatic undervoltage trip" device test on refueling basis.  
BUCKLEY, B.C. Project Directorate II-2. 90/02/05. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52646:229-52646:239.
- 9002130126** Amends 137 to Licenses DPR-32 & DPR-37, respectively, changing Table 4.1-1, item 36 by replacing "automatic shunt trip" device test w/"automatic undervoltage trip" device test on refueling basis.  
BERKOW, H.N. Project Directorate II-2. 90/02/05. 6pp. 52646:232-52646:237.
- 9002130130** Safety evaluation supporting Amends 137 to Licenses DPR-32 & DPR-37. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 2pp. 52646:238-52646:239.
- 9002230380** Notification of significant licensee meeting w/util on 900319 to discuss self-assessment conducted on facility.  
FREDRICKSON, P. Region 2, Ofc of the Director. 90/02/06. Region 2, Ofc of the Director. 2pp. 52716:004-52716:005.

### Q. Inspection reports, IE Bulletins & correspondence

- 9002060080** Forwards Insp Repts 50-280/89-37 & 50-281/89-37 on 891205-06. No violations or deviations noted.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/12. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52556:213-52556:220.
- 9002060083** Insp Repts 50-280/89-37 & 50-281/89-37 on 891205-06. No violations or deviations noted. Major areas inspected: IE Bulletin 80-11 & licensee actions on previous insp findings.  
LENAHAN, J.J., BELISLE, G.A. Region 2, Ofc of the Director. 90/01/05. 5pp. 52556:216-52556:220.
- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001300459** Forwards Insp Repts 50-280/89-36 & 50-281/89-36 on 891204-14. No violations or deviations noted.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/18. CARTWRIGHT, W.R. Virginia Power (Virginia Electric & Power Co.). 3pp. 52490:238-52490:249.

- 9001300468** Insp Repts 50-280/89-36 & 50-281/89-36 on 891204-14. No violations or deviations noted. Major areas inspected: corrective actions taken to correct deficiencies identified during SSFI on emergency svc water sys.  
MELLEN, L.S., KELLOGG, P.J. Region 2, Ofc of the Director. 90/01/11. 11pp. 52490:239-52490:249.
- 9001310092** Forwards Insp Repts 50-280/89-32 & 50-281/89-32 on 891016-20 & 1030-1103 & notice of violation. Rept also documents licensee oral commitment.  
STOHR, J.P. Region 2, Ofc of the Director. 90/01/23. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52503:137-52503:154.
- 9001310096** Notice of violation from insp on 891016-20 & 1030-1103. Violation noted: licensee evaluation of mod to ventilation sys did not adequately address resulting effect on sys air flow.  
STOHR, J.P. Region 2, Ofc of the Director. 90/01/23. 2pp. 52503:140-52503:141.
- 9001310099** Insp Repts 50-280/89-32 & 50-281/89-32 on 891016-20 & 1030-1103. Violation noted. Major areas inspected: radioactive effluents, lab QC & plant chemistry.  
HUGHEY, C.A., SEYMOUR, D.A., DECKER, T.R. Region 2, Ofc of the Director. 89/12/28. 13pp. 52503:142-52503:154.
- 9002130337** Forwards Insp Repts 50-280/89-38 & 50-281/89-38 on 891126-1231. No violations or deviations noted.  
REYES, L.A. Region 2, Ofc of the Director. 90/01/24. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52647:338-52647:355.
- 9002130343** Insp Repts 50-280/89-38 & 50-281/89-38 on 891126-1231. No violations or deviations noted. Major areas inspected: plant operations, plant maint, plant surveillance, LER review & followup on inspector identified items.  
HOLLAND, W.E., YORK, J.W., NICHOLSON, L.E. Region 2, Ofc of the Director. 90/01/26. 15pp. 52647:341-52647:355.
- 9001310288** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures to be revised & familiarization sessions will be conducted prior to each refueling outage.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52504:153-52504:155.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002130287** Forwards corrected signature page of Insp Repts 50-280/89-38 & 50-281/89-38.  
SINKULE, M.V. Region 2, Ofc of the Director. 90/01/29. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52648:230-52648:232.
- 9002130323** Corrected signature page to Insp Repts 50-280/89-38 & 50-281/89-38 on 891126-1231. Major areas inspected: plant operations, maint, surveillance, LER review & followup on inspector identified items.  
HOLLAND, W.E., YORK, J.W., NICHOLSON, L.E. Region 2, Ofc of the Director. 90/01/26. 1p. 52648:232-52648:232.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9002160073** Informs that dates for emergency operating procedure insp revised to 900402-12.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/01. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52679:083-52679:084.
- 9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- 9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.
- 8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate II-2. 55pp. 52595:316-52595:344.



**S. Reportable occurrences, LERs & related correspondence**

**9001300204** LER 89-044-00: on 891221, manual reactor trip/turbine trip initiated following loss of power to semi-vital bus, causing numerous control room alarms to annunciate. Caused by fault on transformer. Power restored to generator. W/900119 ltr. KANSLER, M.R. Virginia Power (Virginia Electric & Power Co.). 90/01/19. 9pp. 52494:086-52494:094.

**9002120066** Part 21 rept re two of three PC cards in GE Type SLV11A1 over/undervoltage relays failing to produce output. Short between leads would result in damage to component 1C5. Sketch of threshold detection board encl. TEAGUE, J.E. General Electric Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52607:055-52607:057.

**Y. Dry Cask Independent Spent Fuel Storage Installations**

**9001300076** Advises that 10CFR50.59 safety evaluation of dry storage casks designated as Westinghouse MC-10, Nuclear Assurance Corp NAC-128 & General Nuclear Sys, Inc CASTOR X/33 complete. No unreviewed safety questions noted. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/22. Document Control Branch (Document Control Desk). 1p. 52490:072-52490:072.

**9002230265** Forwards Amend 3 to License SNM-2501, changing Tech Spec 1.3.1 to reflect administrative change in QA program. Amend also changes Tech Spec 4.2.2 clarifying cask average surface dose rates for top & side surfaces. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52702:281-52702:321.

**-9002230271** Amend 3 to License SNM-2501 for VEPCO, changing Tech Spec 1.3.1 reflecting administrative change in QA program. Amend also changes Tech Spec 4.2.2, clarifying cask average surface dose rates for top & side surfaces. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 29pp. 52702:286-52702:314.

**-9002230280** SER supporting Amend 3 to License SNM-2501. RUFFIN, S.R., ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/15. 3pp. 52702:315-52702:317.

**-9002230282** Discusses categorical exclusion under 10CFR51.22 re Amend 3 to License SNM-2501. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. Fuel Cycle Safety Branch. 2pp. 52702:318-52702:319.

**-9002230288** Notice of Issuance of Amend 3 to License SNM-2501 for receipt & storage of spent fuel at plant ISFSI. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 2pp. 52702:320-52702:321.

**DOCKET 50-281 SURRY POWER STATION, UNIT 2****F. Security, medical, emergency & fire protection plans**

**9001290001** Forwards "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'" & "Surry... Table 5.1, 'Min Staffing Requirements...'" for approval, per 10CFR50.54(q), NUREG-0654 & NUREG-0737, Suppl 1. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52469:060-52469:076.

**-9001290002** Draft "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies.'" \* Virginia Power (Virginia Electric & Power Co.). 90/01/17. 5pp. 52469:062-52469:066.

**9001310385** Rev 23 to EPIP-1.01, "Emergency Manager Controlling Procedure." W/ 900122 ltr. COSTELLO, J.B., HALL, B.R., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/22. 50pp. 52504:006-52504:055.

**9002150273** Forwards summary of 900116 meeting w/util in Region II of re status rept on emergency preparedness upgrade program. STOHR, J.P. Region 2, Ofc of the Director. 90/01/31. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52677:004-52677:008.

**9002160073** Informs that dates for emergency operating procedure insp revised to 900402-12. PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/01. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52679:083-52679:084.

**H. General correspondence**

**9001300323** Requests that future correspondence from NRC re ISFSI be addressed to author at listed address & that listed individuals be included in carbon copy distribution. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:070-52490:071.

**P. Operating license stage documents & correspondence**

**9002090017** Forwards summary of 900111 mgt meeting at plant nuclear info ctr re activities authorized for facility & status discussion of ongoing improvement efforts. List of attendees & handouts used at meeting also encl. EBNETER, S.D. Region 2, Ofc of the Director. 90/01/25. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 61pp. 52614:064-52614:124.

**9002050375** Forwards Amends 136 to Licenses DPR-32 & DPR-37 & safety evaluation. Amends delete "buddy sys" requirement for entry into high radiation areas & rewrite Tech Spec 6.4.B, per format of Rev 4 to NUREG-0452 re Westinghouse PWR STS. BUCKLEY, B.C. Project Directorate II-2. 90/01/29. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52542:194-52542:207.

**-9002050379** Amends 136 to Licenses DPR-32 & DPR-37, deleting "buddy sys" requirement for entry into high radiation area & rewriting Tech Spec 6.4.B using format of Rev 4 to NUREG-0452, "STS for Westinghouse PWRs." BERKOW, H.N. Project Directorate II-2. 90/01/29. 8pp. 52542:197-52542:204.

**-9002050384** Safety evaluation supporting Amends 136 to Licenses DPR-32 & DPR-37. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/29. 2pp. 52542:205-52542:207.

**9002070306** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Belief in appropriateness to address Generic Ltr 89-13 concerns within context of established programmatic improvements noted. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52604:267-52604:276.

**9002060285** Notification of 900214 meeting w/util in Rockville, MD to discuss plant licensing issues. BUCKLEY, B.C. Project Directorate II-2. 90/01/31. BERKOW, H.N. Project Directorate II-2. 4pp. 52555:168-52555:171.

**9002130344** Notification that 900214 meeting w/util in Rockville, MD to discuss plant licensing issues rescheduled for 900216. BUCKLEY, B.C. Project Directorate II-2. 90/01/31. BERKOW, H.N. Project Directorate II-2. 2pp. 52647:121-52647:122.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002080201** Application for amends to Licenses DPR-32 & DPR-37, replacing independent/operational event review group w/mgt safety review committee as organization responsible for offsite review function. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52594:109-52594:132.

**-9002080203** Proposed Tech Specs re 6.0, "Administrative Controls" covering organization, safety & operation review, station nuclear safety & operating committee & composition & membership of committee. \* Virginia Power (Virginia Electric & Power Co.). 90/02/01. 21pp. 52594:112-52594:132.

**9002080206** Withdraws 891018 application for amends to Licenses DPR-32 & DPR-37, increasing pressurizer safety valve setpoint tolerance to +/- 3% of nominal lift setpoint. Emergency Tech Spec change granted on 891116 provided modified tolerances. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52593:227-52593:228.

**9002130121** Forwards Amends 137 to Licenses DPR-32 & DPR-37 & safety evaluation. Amends change Table 4.1-1, Item 36 by replacing "automatic shunt trip" device test w/"automatic undervoltage trip" device test on refueling basis. BUCKLEY, B.C. Project Directorate II-2. 90/02/05. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52648:229-52648:239.

**-9002130126** Amends 137 to Licenses DPR-32 & DPR-37, respectively, changing Table 4.1-1, Item 36 by replacing "automatic shunt trip" device test w/"automatic undervoltage trip" device test on refueling basis. BERKOW, H.N. Project Directorate II-2. 90/02/05. 6pp. 52646:232-52646:237.

**-9002130130** Safety evaluation supporting Amends 137 to Licenses DPR-32 & DPR-37. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 2pp. 52646:238-52646:239.

**9002230380** Notification of significant licensee meeting w/util on 900319 to discuss self-assessment conducted on facility. FREDRICKSON, P. Region 2, Ofc of the Director. 90/02/06. Region 2, Ofc of the Director. 2pp. 52716:004-52716:005.

**Q. Inspection reports, IE Bulletins & correspondence**

**9002060080** Forwards Insp Repts 50-280/89-37 & 50-281/89-37 on 891205-06. No violations or deviations noted. GIBSON, A.F. Region 2, Ofc of the Director. 90/01/12. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52556:213-52556:220.

**-9002060083** Insp Repts 50-280/89-37 & 50-281/89-37 on 891205-06. No violations or deviations noted. Major areas inspected: IE Bulletin 80-11 & licensee actions on previous insp findings. LENAHAN, J.J., BELISLE, G.A. Region 2, Ofc of the Director. 90/01/05. 5pp. 52556:216-52556:220.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300459** Forwards Insp Repts 50-280/89-36 & 50-281/89-36 on 891204-14. No violations or deviations noted. GIBSON, A.F. Region 2, Ofc of the Director. 90/01/18. CARTWRIGHT, W.R. Virginia Power (Virginia Electric & Power Co.). 3pp. 52490:236-52490:249.

**-9001300468** Insp Repts 50-280/89-36 & 50-281/89-36 on 891204-14. No violations or deviations noted. Major areas inspected: corrective actions taken to correct deficiencies identified during SSFI on emergency svc water sys. MELLENS, L.S., KELLOGG, P.J. Region 2, Ofc of the Director. 90/01/11. 11pp. 52490:239-52490:249.

**9001310092** Forwards Insp Repts 50-280/89-32 & 50-281/89-32 on 891016-20 & 1030-1103 & notice of violation. Rept also documents licensee oral commitment. STOHR, J.P. Region 2, Ofc of the Director. 90/01/23. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52503:137-52503:154.

**-9001310098** Notice of violation from insp on 891016-20 & 1030-1103. Violation noted: licensee evaluation of mod to ventilation sys did not adequately address resulting effect on sys air flow. STOHR, J.P. Region 2, Ofc of the Director. 90/01/23. 2pp. 52503:140-52503:141.

## 52 DOCKETED ITEMS

—9001310099 Insp Repts 50-280/89-32 & 50-281/89-32 on 891016-20 & 1030-1103. Violation noted. Major areas inspected: radioactive effluents, lab QC & plant chemistry. HUGHES, C.A., SEYMOUR, D.A., DECKER, T.R. Region 2, Ofc of the Director. 89/12/28. 13pp. 52503:142-52503:154.

9002130337 Forwards Insp Repts 50-280/89-38 & 50-281/89-38 on 891126-1231. No violations or deviations noted. REYES, L.A. Region 2, Ofc of the Director. 90/01/24. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52647:338-52647:355.

—9002130343 Insp Repts 50-280/89-38 & 50-281/89-38 on 891126-1231. No violations or deviations noted. Major areas inspected: plant operations, plant maint, plant surveillance, LER review & followup on inspector identified items. HOLLAND, W.E., YORK, J.W., NICHOLSON, L.E. Region 2, Ofc of the Director. 90/01/26. 15pp. 52647:341-52647:355.

9001310288 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures to be revised & familiarization sessions will be conducted prior to each refueling outage. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52504:153-52504:155.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002130287 Forwards corrected signature page of Insp Repts 50-280/89-38 & 50-281/89-38. SINKULE, M.V. Region 2, Ofc of the Director. 90/01/29. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52648:230-52648:232.

—9002130323 Corrected signature page to Insp Repts 50-280/89-38 & 50-281/89-38 on 891126-1231. Major areas inspected: plant operations, maint, surveillance, LER review & followup on inspector identified items. HOLLAND, W.E., YORK, J.W., NICHOLSON, L.E. Region 2, Ofc of the Director. 90/01/26. 1p. 52648:232-52648:232.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:462.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002160073 Informs that dates for emergency operating procedure Insp revised to 900402-12. PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/01. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52679:083-52679:084.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licenses." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:404.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### S. Reportable occurrences, LERs & related correspondence

9002010028 LER 89-018-00: on 891225, alarm activated on containment manipulator crane radiation monitor during periodic test, resulting in unplanned ESF actuation. Caused by operator error. Caution added to periodic test. W/900118 ltr. KANSLER, M.R. Virginia Power (Virginia Electric & Power Co.). 90/01/18. 5pp. 52550:044-52550:048.

9002120068 Part 21 rept re two of three PC cards in GE Type SLV11A1 over/undervoltage relays failing to produce output. Short between leads would result in damage to component ICS. Sketch of threshold detection board encl. TEAGUE, J.E. General Electric Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52607:055-52607:057.

9002230051 LER 90-001-00: on 900108, one of three RCS average temp channel inputs to reactor protection sys not declared inoperable after deviating from other two channels. Caused by faulty summator. Summator replaced. W/900205 ltr. KANSLER, M.R. Virginia Power (Virginia Electric & Power Co.). 90/02/05. 4pp. 52713:166-52713:169.

### Y. Dry Cask Independent Spent Fuel Storage Installations

9001300076 Advises that 10CFR50.59 safety evaluation of dry storage casks designated as Westinghouse MC-10, Nuclear Assurance Corp NAC-128 & General Nuclear Sys, Inc CASTOR X/33 complete. No unreviewed safety questions noted. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/22. Document Control Branch (Document Control Desk). 1p. 52490:072-52490:072.

9002230265 Forwards Amend 3 to License SNM-2501, changing Tech Spec 1.3.1 to reflect administrative change in QA program. Amend also changes Tech Spec 4.2.2 clarifying cask average surface dose rates for top & side surfaces. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52702:281-52702:321.

—9002230271 Amend 3 to License SNM-2501 for VEPCO, changing Tech Spec 1.3.1 reflecting administrative change in QA program. Amend also changes Tech Spec 4.2.2, clarifying cask average surface dose rates for top & side surfaces. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 29pp. 52702:286-52702:314.

—9002230280 SER supporting Amend 3 to License SNM-2501. RUFFIN, S.R., ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/15. 3pp. 52702:315-52702:317.

—9002230282 Discusses categorical exclusion under 10CFR51.22 re Amend 3 to License SNM-2501. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. Fuel Cycle Safety Branch. 2pp. 52702:318-52702:319.

—9002230288 Notice of issuance of Amend 3 to License SNM-2501 for receipt & storage of spent fuel at plant ISFSI. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 2pp. 52702:320-52702:321.

### DOCKET 50-282 PRAIRIE ISLAND NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002160054 Advises that NRC received encl FEMA 891004 ltr & associated FEMA Region V rept for 881019 radiological emergency drill. No deficiencies noted. Item of lesser significance corrected. GREGER, L.R. Region 3, Ofc of the Director. 90/01/10. LARSON, C.E. Northern States Power Co. 2pp. 52679:085-52679:095.

9002130260 Ack receipt of 891106 response to Generic Ltr 89-07, "Power Reactor Safeguard Contingency Planning for Surface Vehicle Bombs." DIANNI, D.C. Project Directorate III-1. 90/02/06. PARKER, T.M. Northern States Power Co. 3pp. 52644:327-52644:329.

9002220001 Forwards safety evaluation, concluding that util procedures generation package needs to be reviewed to address programmatic improvements which will enhance ability to maintain high quality emergency operating procedures. DIANNI, D.C. Project Directorate III-1. 90/02/14. PARKER, T.M. Northern States Power Co. 3pp. 52695:305-52695:322.

—9002220002 Safety evaluation concluding that procedure generation package needs to be reviewed to address programmatic improvements which will enhance ability to develop & maintain high quality emergency operating procedures. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 15pp. 52695:308-52695:322.

#### P. Operating license stage documents & correspondence

9002060101 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Procedure will be developed to periodically inspect emergency intake crib located in river. PARKER, T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 52558:028-52558:036.

9002060385 Forwards SER supporting util 890929 & 1215 submittals of proposed qualification program dealing w/procurement & installation of two emergency diesel generators. DIANNI, D.C. Project Directorate III-1. 90/01/31. PARKER, T.M. Northern States Power Co. 3pp. 52555:306-52555:314.

—9002060388 SER supporting util 890929 & 1215 submittals of proposed qualification program dealing w/procurement & installation of two emergency diesel generators. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 6pp. 52555:309-52555:314.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002090143 Documents verification of close out of Multi-Plant Action G-01, "Reactor Coolant Pump Trip," for plants, per 891219 memo. THOMA, J.O. Project Directorate III-1. 90/02/01. STOLZ, J. Project Directorate I-4. 1p. 52615:075-52615:075.

9002150264 Discusses liability & funding requirements re NRC decommissioning funding rules & verifies understanding of rules. Ltr from NRC explaining liability & requirements of rule requested. LAWRENCE, D.A. Northern States Power Co. 90/02/06. WOOD, R. NRC - No Detailed Affiliation Given. 1p. 52668:237-52668:237.

9002220001 Forwards safety evaluation, concluding that util procedures generation package needs to be reviewed to address programmatic improvements which will enhance ability to maintain high quality emergency operating procedures. DIANNI, D.C. Project Directorate III-1. 90/02/14. PARKER, T.M. Northern States Power Co. 3pp. 52695:305-52695:322.

—9002220002 Safety evaluation concluding that procedure generation package needs to be reviewed to address programmatic improvements which will enhance ability to develop & maintain high quality emergency operating procedures.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 15pp. 52695:308-52695:322.

#### Q. Inspection reports, IE Bulletins & correspondence

9002220676 Forwards fee in amount of \$25,000, in response to 891019 notice of violation & civil penalty re commercial grade procurement, per Insp Repts 50-282/88-201 & 50-306/88-201. Responses to violations also encl.  
LARSON, C.E. Northern States Power Co. 89/11/20. Ofc of Enforcement (Post 870413). 9pp. 52683:334-52683:342.

9002060178 Suppl response to violations noted in Insp Repts 50-282/89-14 & 50-306/89-15 re containment airflow local leak rate testing. Corrective actions: changes to local leak rate testing procedures approved on 891229.  
LARSON, C.E. Northern States Power Co. 90/01/03. WRIGHT, G.C. Region 3, Ofc of the Director. 2pp. 52569:074-52569:075.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002060076 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling boron concentration will be calculated w/provisions for one shuffle alteration.  
PARKER, T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 8pp. 52556:226-52556:233.

9002060101 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Procedure will be developed to periodically inspect emergency intake crib located in river.  
PARKER, T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 52558:028-52558:036.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

#### R. Periodic operating reports & related correspondence

9002150002 Monthly operating repts for Jan 1990 for Prairie Island Nuclear Generating Plant, Units 1 & 2. W/900206 ltr.  
DUGSTAD, D., PARKER, T.M. Northern States Power Co. 90/01/31. 9pp. 52656:328-52656:336.

#### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

9002230219 LER 90-001-00: on 900117, technician mirror contacted bare power supply terminal & shorted terminal to ground, causing power supply to trip & isolation of outside air to control room. Exposed wire terminal points covered. W/900216 ltr.  
HUNSTAD, A.A., PARKER, T.M. Northern States Power Co. 90/02/16. 4pp. 52713:039-52713:042.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

9001300463 Summary of 900116 meeting w/util in Rockville, MD re util 10CFR72 license application to store spent fuel at plant. List of attendees, agenda & util presentation encl.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/01/26. SJOBLUM, G.L. Fuel Cycle Safety Branch. 20pp. 52494:252-52494:271.

#### DOCKET 50-285 FORT CALHOUN STATION, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9002070165 Forwards Team Insp Rept 50-285/89-40 on 891023-1109 & notices of violation & deviation. Followup item identified re lack of fuse/breaker coordination study.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/30. MORRIS, K.J. Omaha Public Power District. 3pp. 52612:238-52612:275.

—9002070169 Notice of violation from insp on 891023-1109. Violation noted: licensee failed to maintain emergency & abnormal operating procedures adequately.  
\* Region 4, Ofc of the Director. 90/01/30. 2pp. 52612:241-52612:242.

—9002070170 Notice of deviation from insp on 891023-1109. Deviation noted: licensee emergency operating procedure validation process did not include use of control room mockup facility.  
\* Region 4, Ofc of the Director. 90/01/30. 1p. 52612:243-52612:243.

9002120286 Revised EIPs, including Rev 22 to EIP-OSC-2, Rev 4 to EIP-OSC-13, Rev 15 to EIP-OSC-14, Rev 9 to EIP-OSC-15, Rev 7 to EIP-EOF-8, Rev 8 to EIP-EOF-9, Rev 7 to EIP-EOF-17, Rev 12 to EIP-TSC-1 & Rev 5 to EIP-RR-5, W/900202 ltr.  
GATES, W.G. Omaha Public Power District. 90/02/02. 163pp. 52630:193-52630:355.

9002130281 Forwards Insp Rept 50-285/89-49 on 891127-1201. No violations or deviations noted. One open item identified.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/02. MORRIS, K.J. Omaha Public Power District. 3pp. 52647:212-52647:224.

—9002130282 Insp Rept 50-285/89-49 on 891127-1201. No violations or deviations noted. One open item identified. Major areas inspected: physical security program, including followup on previous insp findings & contingency planning verification.  
CALDWELL, R.A., POWERS, D. Region 4, Ofc of the Director. 90/01/30. 10pp. 52647:215-52647:224.

##### H. General correspondence

9002090267 Informs that WG Gates will assume position of Div Manager - Nuclear Operations Div, effective 900201.  
JONES, W.C. Omaha Public Power District. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52614:034-52614:034.

9002220140 Informs that, effective 900201, WG Gates assumed position of Div Manager - Nuclear Operations Div, replacing KJ Morris.  
JONES, W.C. Omaha Public Power District. 90/01/23. Document Control Branch (Document Control Desk). 1p. 52671:052-52671:052.

##### P. Operating license stage documents & correspondence

9002010291 Forwards executive summary & selected pages of detailed stress analyses re Valve Operators HCV-1387B & HCV-1388B, per NRC 891207 request.  
MORRIS, K.J. Omaha Public Power District. 90/01/23. Document Control Branch (Document Control Desk). 29pp. 52531:260-52531:288.

9002070043 Discusses 900116 meeting w/util in Region IV ofc re safety enhancement program & licensee-conducted pre-SALP assessment. List of attendees, meeting slides & assessment encl.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/23. MORRIS, K.J. Omaha Public Power District. 85pp. 52571:218-52571:302.

9001310324 Forwards application for amend to License DPR-40, reflecting clarification requested by NRC re allowed operating condition, per 891220 ltr.  
MORRIS, K.J. Omaha Public Power District. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52511:201-52511:205.

—9001310326 Application for amend to License DPR-40, revising Tech Specs to clarify allowed operating condition in previous submittal.  
MORRIS, K.J. Omaha Public Power District. 90/01/24. 2pp. 52511:203-52511:204.

—9001310328 Proposed Tech Specs clarifying limiting conditions for operation of chemical & vol control sys.  
\* Omaha Public Power District. 90/01/24. 1p. 52511:205-52511:205.

9001310342 Forwards application for amend to License DPR-40, deleting 3.25 max limit applied to three consecutive surveillance intervals.  
MORRIS, K.J. Omaha Public Power District. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52511:188-52511:188.

—9001310411 Application for amend to License DPR-40, revising Tech Specs to delete 3.25 max limit applied to three consecutive surveillance intervals.  
MORRIS, K.J. Omaha Public Power District. 90/01/24. 2pp. 52511:190-52511:191.

—9001310414 Proposed Tech Specs deleting 3.25 max limit applied to three consecutive surveillance intervals.  
\* Omaha Public Power District. 90/01/24. 7pp. 52511:192-52511:198.

9001310299 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util safety enhancement program instituted to improve overall level of safety at plant.  
MORRIS, K.J. Omaha Public Power District. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52531:080-52531:084.

9002010128 Forwards application for amend to License DPR-40, revising Tech Specs to support Cycle 13 operation.  
MORRIS, K.J. Omaha Public Power District. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52531:129-52531:212.

—9002010131 Application for amend to License DPR-40, revising Tech Specs to support Cycle 13 operation.  
\* Omaha Public Power District. 90/01/26. 3pp. 52531:131-52531:133.

—9002010135 Proposed Tech Specs, supporting Cycle 13 operation.  
\* Omaha Public Power District. 90/01/26. 15pp. 52531:134-52531:149.

## 54 DOCKETED ITEMS

- 9002010151 "Reload Evaluation Rpt for Fort Calhoun Station Unit 1, Cycle 13."  
\* Omaha Public Power District. 90/01/26. 64pp. 52531:150-52531:212.
- 9002060054 Forwards application for amend to License DPR-40, increasing refueling boron concentration to 1900 ppm, suspending sampling when fuel removed from reactor vessel & revising storage requirements of spent fuel pool Region 2. MORRIS, K.J. Omaha Public Power District. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52559:192-52559:256.
- 9002060055 Application for amend to License DPR-40, increasing refueling boron concentration to 1900 ppm, suspending sampling during periods when fuel removed from reactor vessel & revising storage requirements of spent fuel pool Region 2. GATES, W.G. Omaha Public Power District. 90/01/26. 2pp. 52559:194-52559:195.
- 9002060056 Proposed Tech Specs, revising storage requirements for spent fuel pool Region 2, allowing discharge of fuel assemblies from core directly to Region 2 of pool & deleting requirement for fuel performance rept at end of each cycle.  
\* Omaha Public Power District. 90/01/26. 58pp. 52559:196-52559:256.
- 9002070239 Forwards safety evaluation finding that util 891115 proposed Tech Spec change re inoperability of 161 kV transmission line unacceptable. Tech Spec 2.7(2)n suggested to be eliminated & Tech Spec 2.7(2)b revised. BOURNIA, A. Project Directorate IV. 90/01/30. MORRIS, K.J. Omaha Public Power District. 3pp. 52598:202-52598:208.
- 9002070242 Safety evaluation denying license 891115 proposed Tech Spec change re inoperability of 161 kV transmission line.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 4pp. 52598:205-52598:208.
- 9002090182 Submits revised schedule to replace failed differential pressure transmitter DPT-1039 & auxiliary feedwater pump FW-10. Schedule for transmitter replacement delayed from 900131 to 900430, subj to receipt of ordered parts. MORRIS, K.J. Omaha Public Power District. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52599:304-52599:305.
- 9002080277 Forwards Amend 124 to License DPR-40 & safety evaluation. Amend adds operating mode number for each operating mode in Tech Spec Table 3-4 & incorporates that water testing & analysis not required when total core off-loaded. BOURNIA, A. Project Directorate IV. 90/01/31. MORRIS, K.J. Omaha Public Power District. 3pp. 52608:351-52608:360.
- 9002080292 Amend 124 to License DPR-40, adding operating mode number for each operating mode in Tech Spec Table 3-4 & incorporating that water testing & analysis not required when total core off-loaded since no fuel exist in core. HEBDON, F.J. Project Directorate IV. 90/01/31. 5pp. 52608:354-52608:358.
- 9002080294 Safety evaluation supporting Amend 124 to License DPR-40.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 2pp. 52608:359-52608:360.
- 9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002120185 Forwards application for amend to License DPR-40, revising Tech Specs re control room air treatment sys & RHR sys allowable leakage. GATES, W.G. Omaha Public Power District. 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52631:035-52631:065.
- 9002120186 Application for amend to License DPR-40, revising Tech Specs to change requirements in control room air treatment sys & RHR. GATES, W.G. Omaha Public Power District. 90/02/01. 2pp. 52631:038-52631:039.
- 9002120188 Proposed Tech Specs re control room air treatment sys & RHR.  
\* Omaha Public Power District. 90/02/01. 26pp. 52631:040-52631:065.
- 9002090275 Provides resolution to conflict re rept of personnel w/unescorted access to plant. Personnel w/unescorted access to facility determined to be hazardous to themselves or others will be reported. GATES, W.G. Omaha Public Power District. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52626:130-52626:130.
- 9002150326 Forwards application for amend to License DPR-40, adding Tech Spec Page 2-57 & replacing Tech Spec Table B-1. GATES, W.G. Omaha Public Power District. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52675:231-52675:237.
- 9002150368 Application for amend to License DPR-40, adding Tech Spec Page 2-57 re Cycle 13 operation. GATES, W.G. Omaha Public Power District. 90/02/06. 2pp. 52675:233-52675:234.
- 9002150370 Proposed Tech Specs, adding Page 2-57 to support Cycle 13 operation.  
\* Omaha Public Power District. 90/02/06. 3pp. 52675:235-52675:237.
- Q. Inspection reports, IE Bulletins & correspondence**
- 9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9002070043 Discusses 900116 meeting w/util in Region IV of re safety enhancement program & licensee-conducted pre-SALP assessment. List of attendees, meeting slides & assessment encl. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/23. MORRIS, K.J. Omaha Public Power District. 85pp. 52571:218-52571:302.
- 9001300224 Ack receipt of 891213 ltr & check for payment of civil penalty proposed by NRC on 891113. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/01/24. MORRIS, K.J. Omaha Public Power District. 1p. 52495:360-52495:360.
- 9002020220 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." K-infinity map for Procedure OP-11 re reactor core refueling will be revised for each reload prior to fuel movement. MORRIS, K.J. Omaha Public Power District. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52539:285-52539:287.
- 9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002050294 Forwards Insp Rept 50-285/90-03 on 900108-12. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. MORRIS, K.J. Omaha Public Power District. 2pp. 52548:233-52548:239.
- 9002050296 Insp Rept 50-285/90-03 on 900108-12. No violations or deviations noted. Major areas inspected: surveillance testing & calibr control programs. KELLEY, D.L., SEIDLE, W.C. Region 4, Ofc of the Director. 90/01/24. 5pp. 52548:235-52548:239.
- 9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9002070125 Discusses Insp Rept 50-285/48 on 891012-1130 & forwards notice of violation. Enforcement conference discussed licensee failure to comply w/Tech Spec limiting condition for operation. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/30. MORRIS, K.J. Omaha Public Power District. 3pp. 52592:301-52592:305.
- 9002070128 Notice of violation from insp on 891012-1130. Violation noted: licensee failed to comply w/limiting condition for operation for Tech Spec 2.3(2), in that plant not placed in cold shutdown condition within 108 h. COLLINS, S.J. Region 1, Ofc of the Director. 90/01/30. 2pp. 52592:304-52592:305.
- 9002070165 Forwards Team Insp Rept 50-285/89-40 on 891023-1109 & notices of violation & deviation. Followup item identified re lack of fuse/breaker coordination study. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/30. MORRIS, K.J. Omaha Public Power District. 3pp. 52612:238-52612:275.
- 9002070169 Notice of violation from insp on 891023-1109. Violation noted: licensee failed to maintain emergency & abnormal operating procedures adequately.  
\* Region 4, Ofc of the Director. 90/01/30. 2pp. 52612:241-52612:242.
- 9002070170 Notice of deviation from insp on 891023-1109. Deviation noted: licensee emergency operating procedure validation process did not include use of control room mockup facility.  
\* Region 4, Ofc of the Director. 90/01/30. 1p. 52612:243-52612:243.
- 9002070178 Insp Rept 50-285/89-40 on 891023-27 & 1106-09. Violation & deviation noted. Followup item identified. Major areas inspected: critical components of plant & operational activities re dominant accident sequences. SINGH, A., STETKA, T.F. Region 4, Ofc of the Director. 90/01/23. 32pp. 52612:244-52612:275.
- 9002090184 Advises of commitment change for post-mod & post-maint function testing due to reorganization of util, per SSOM findings. Separate testing groups formed still meet intent of original commitment. MORRIS, K.J. Omaha Public Power District. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52626:322-52626:323.
- 9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:402.
- 9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9002130275 Forwards Insp Rept 50-285/90-01 on 900108-12 & notice of violation. Violation re environ qualification of reactor containment bldg sump temp instrumentation not cited. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. MORRIS, K.J. Omaha Public Power District. 3pp. 52647:166-52647:187.
- 9002130278 Notice of violation from insp on 900108-12. Violations noted: failure to include sensors for containment sump narrow-range level instrumentation in calibr process & to establish procedures for calibr 480-volt dc bus voltage instruments.  
\* Region 4, Ofc of the Director. 90/02/01. 2pp. 52647:169-52647:170.
- 9002130279 Insp Rept 50-285/90-01 on 900108-12. Violations noted. Major areas inspected: implementation of commitments re Reg Guide 1.97, "Post-Accident Monitoring Instrumentation" & review of instrument calibr procedures & records. WAGNER, P., STETKA, T.F. Region 4, Ofc of the Director. 90/01/31. 17pp. 52647:171-52647:187.
- 9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9002120034 Responds to NRC 900103 ltr re violations noted in Insp Rept 50-285/89-46. Corrective actions: all commercial-grade matl purchases for critical quality element applications, between 860101-880428, will be reviewed re compliance w/QA plan. GATES, W.G. Omaha Public Power District. 90/02/02. Document Control Branch (Document Control Desk). 5pp. 52617:314-52617:318.
- 9002130131 Ack receipt of 891130 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-285/89-37. Review of reply & info provided during 900116 mgt meeting determined info responsive to safety enhancement program concerns. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/02. MORRIS, K.J. Omaha Public Power District. 2pp. 52634:345-52634:353.



—9002130137 Responds to NRC 891031 ltr re violations noted in Insp Rept 50-285/89-37. Corrective actions: Procedure NOD-QP-28, "Safety Enhancement Program" issued on 891130 to track items identified by verification & validation requirements. MORRIS, K.J. Omaha Public Power District. 89/11/30. MARTIN, R.D. Region 4, Ofc of the Director. 7pp. 52634:347-52634:353.

9002130281 Forwards Insp Rept 50-285/89-49 on 891127-1201. No violations or deviations noted. One open item identified. Major areas inspected: physical security program, including followup on previous insp findings & contingency planning verification. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/02. MORRIS, K.J. Omaha Public Power District. 3pp. 52647:212-52647:224.

—9002130282 Insp Rept 50-285/89-49 on 891127-1201. No violations or deviations noted. One open item identified. Major areas inspected: physical security program, including followup on previous insp findings & contingency planning verification. CALDWELL, R.A., POWERS, D. Region 4, Ofc of the Director. 90/01/30. 10pp. 52647:215-52647:224.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Mattis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### R. Periodic operating reports & related correspondence

9002050236 Forwards "Fort Calhoun Station Performance Indicators, Dec 1989." MORRIS, K.J. Omaha Public Power District. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52540:265-52540:265.

—9002050237 "Fort Calhoun Station Performance Indicators, Dec 1989."  
\* Omaha Public Power District. 89/12/31. 133pp. 52540:266-52541:038.

#### S. Reportable occurrences, LERs & related correspondence

9001290074 Special rept on 891213, listed fire barrier seals discovered in degraded condition & inoperable for more than 7 days. On 891219, fire barrier penetration 20-E-7 breached & inoperable for more than 7 days. Compensatory measures in place. MORRIS, K.J. Omaha Public Power District. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52454:115-52454:116.

9002120036 LER 89-021-00: on 891010, util informed by C-E of potential nonconservative setpoint in reactor protection sys thermal margin/low pressure trip unit. Caused by error in incorporating transient setpoint analyses. W/900201 ltr. VOSS, K., GATES, W.G. Omaha Public Power District. 90/02/01. 7pp. 52635:084-52635:090.

9002130049 LER 89-024-00: on 891221, determined that containment spray pumps & suction header piping not constructed for use as backup to LPSI sys for shutdown cooling. Caused by inadequate review of assumptions. Firewatch established. W/900205 ltr. BUELL, D., GATES, W.G. Omaha Public Power District. 90/02/05. 7pp. 52637:012-52637:018.

9002200052 LER 90-001-00: on 900108, fire barrier for wall between auxiliary bldg Rooms 26 & 34 breached but hourly fire watch patrol not established. Caused by lack of sufficient training for shift supervisors. Standing order revised. W/900209 ltr. LEHMAN, L.L., GATES, W.G. Omaha Public Power District. 90/02/09. 4pp. 52679:060-52679:063.

#### V. Operator Examinations

9002130258 Provides info re generic fundamentals exam section of operator licensing exam to be administered on 900207. Map of area, list of lodging & preliminary instructions encl. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. MORRIS, K.J. Omaha Public Power District. 4pp. 52648:233-52648:236.

9002160198 Notification of 900226 significant licensee meeting w/util in Region IV ofc for util to update NRC on licensed operator training. CALLAN, L.J. Region 4, Ofc of the Director. 90/01/30. Region 4, Ofc of the Director. 2pp. 52689:010-52689:011.

9002080243 Advises that licensing exams scheduled for wk of 900514. Requests ref mat listed in Encl 1 be furnished by 900414 to meet schedule. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/31. MORRIS, K.J. Omaha Public Power District. 12pp. 52594:214-52594:225.

#### DOCKET 50-286 INDIAN POINT STATION, UNIT 3

#### F. Security, medical, emergency & fire protection plans

9002060317 Ack receipt of 891101 response to Generic Ltr 89-07 & informs that issue considered closed. NEIGHBORS, J.D. Project Directorate I-1. 90/01/30. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52556:187-52556:188.

9002070356 Forwards temporary addendum to physical security plan. Encl withheld (ref 10CFR79.21 & 2.790(d)(1)). BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52592:095-52592:098.

#### P. Operating license stage documents & correspondence

9001300181 Forwards Rev 3 to "Inservice Testing Program Plan, Indian Point 3 Nuclear Power Plant" & relief requests, per Generic Ltr 89-04. Revised responses to generic ltr. Positions 8, 4 & 10 also provided. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/01/17. Document Control Branch (Document Control Desk). 3pp. 52471:189-52471:327.

—9001300195 Rev 3 to "Inservice Testing Program Plan Indian Point 3 Nuclear Power Plant." JACOBS, K., ORLANDO, T., RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York). 90/01/08. 145pp. 52471:192-52471:327.

9002070079 Forwards Amend 91 to License DPR-64 & safety evaluation. Amend revises Tech Specs to permit operation w/one or more inoperable main steam line safety valves provided that power range high neutron flux setpoint specifically reduced. NEIGHBORS, J.D. Project Directorate I-1. 90/01/24. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52593:004-52593:017.

—9002070083 Amend 91 to License DPR-64, revising Tech Specs to allow plant operation w/one or more inoperable main steam line safety valves provided that power range high neutron flux setpoint reduced to specific value. CAFRA, R.A. Project Directorate I-1. 90/01/24. 9pp. 52593:006-52593:014.

—9002070086 Safety evaluation supporting Amend 91 to License DPR-64.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/24. 3pp. 52593:015-52593:017.

9002070002 Advises that licensee 60-day response to Generic Ltr 88-20 re individual plant exams acceptable, per 891027 ltr. Exam results submittal on more expeditious schedule to help avoid delays encouraged since util has extensive PRA experience. NEIGHBORS, J.D. Project Directorate I-1. 90/01/30. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 52593:160-52593:162.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002140234 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util developing equipment layout program to be implemented by Jul 1990. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/06. Document Control Branch (Document Control Desk). 8pp. 52693:288-52693:295.

9002220395 Forwards replacement pages to 890310 Tech Spec change submittal re turbine valve test frequency & independent overspeed protection sys. Requests that interval between valve tests be increased from monthly to yearly. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52696:011-52696:024.

—9002220396 Proposed Tech Specs re turbine valve test frequency.  
\* New York Power Authority (formerly Power Authority of the State of New York). 90/02/09. 12pp. 52696:013-52696:024.

#### G. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290185 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Util will identify & evaluate each planned intermediate core location intended to be used during refueling. RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York). 90/01/19. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 3pp. 52468:001-52468:003.

9001310279 Forwards Safety Insp Rept 50-286/89-24 on 891106-09 & 27-30 & notice of violation. NRC has understanding that util will complete evaluation of auxiliary feed-water pumps, per NRC Bulletin 88-004, prior to Refueling Outage 7/8. DURR, J.P. Region 1, Ofc of the Director. 90/01/19. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 52503:214-52503:231.

—9001310282 Notice of violation from Insp on 891106-09 & 27-30. Violation noted: as of 891130, measures established to assure that conditions adverse to quality promptly corrected & corrective action inadequate to preclude repetition.  
\* Region 1, Ofc of the Director. 90/01/19. 2pp. 52503:217-52503:218.

—9001310287 Insp Rept 50-286/89-24 on 891106-09 & 27-30. Violation noted. Major areas inspected: design changes & mods, including temporary mods & followup re licensee response to Generic Ltr 89-04 & NRC Bulletin 88-004. PRIVIDY, L.J., LOPEZ, A.E., EAPEN, P.K. Region 1, Ofc of the Director. 90/01/11. 13pp. 52503:219-52503:231.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

## 56 DOCKETED ITEMS

9001240190 NRC Info Notice 90-007, "New Info re Insulation Mat Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 9pp. 52535:228-52535:329.

9002060310 Concludes that until 890425 response to NRC Bulletin 88-009 re thimble tube thinning acceptable.  
NEIGHBORS,J.D. Project Directorate I-1. 90/01/30. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52555:265-52555:266.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 9pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 7pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matts Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220712 Forwards Insp Rept 50-286/89-22 on 890926-1106 & notice of violation.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/02/06. RUSSELL,J. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52696:188-52696:200.

-9002220714 Notice of violation from insp on 890926-1106. Violation noted: steam generator pressure transmitter cross-wired resulting from inaccurate installation drawing.  
\* Region 1, Ofc of the Director. 90/02/06. 1p. 52696:190-52696:190.

-9002220724 Insp Rept 50-286/89-22 on 890926-1106. Violation noted. Major areas inspected: regular & backshift insps of onsite activities by resident inspectors, including weekend & backshift insp on 891001-22 & 1104.  
MEYER,G.W. Region 1, Ofc of the Director. 90/02/06. 10pp. 52696:191-52696:200.

### R. Periodic operating reports & related correspondence

9002080296 "Personnel Whole Body Exposure for CY89." W/900124 ltr.  
RUSSELL,J.E. New York Power Authority (formerly Power Authority of the State of New York). 89/12/31. 2pp. 52609:268-52609:269.

9002090063 "1989 Annual Rept Number of Personnel & Man-Rem by Work & Job Function." W/900124 ltr.  
RUSSELL,J.E. New York Power Authority (formerly Power Authority of the State of New York). 89/12/31. RUSSELL,W.T. Region 1, Ofc of the Director. 2pp. 52615:071-52615:072.

9002220218 Monthly operating rept for Jan 1990 for Indian Point 3 Nuclear Power Plant. W/900202 ltr.  
SMITH,S., RUSSELL,J.E. New York Power Authority (formerly Power Authority of the State of New York). 90/01/31. 5pp. 52673:254-52673:258.

### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### V. Operator Examinations

9002140180 Forwards revised NRC Forms 398 & 396 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised form by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. RUSSELL,J. New York Power Authority (formerly Power Authority of the State of New York). 8pp. 52655:293-52655:300.

9002070297 Requests that listed candidates take generic fundamentals exam section of operator licensing exam on 900207. All candidates involved in util initial licensed operator training program.  
RUSSELL,J.E. New York Power Authority (formerly Power Authority of the State of New York). 90/01/22. RUSSELL,W.T. Region 1, Ofc of the Director. 2pp. 52592:180-52592:181.

9002140132 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. RUSSELL,J. New York Power Authority (formerly Power Authority of the State of New York). 8pp. 52653:162-52653:169.

### DOCKET 50-287 OCONEE NUCLEAR STATION, UNIT 3

### F. Security, medical, emergency & fire protection plans

9001310484 Forwards revised license condition for plant, incorporating Rev 2 to ISFSI security program, for info.  
MCKEE,P. Reactor Safeguards Branch. 90/01/17. SJOBLON,G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

9002060243 Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMP-2, "News Group Plan." W/900131 release memo.  
TUCKER,H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.

-9002060249 Public version of Rev 33 to Crisis Mgt Implementing Procedure CMP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 273pp. 52561:011-52561:283.

9002060150 Forwards public version of Rev 90-01 to Vol C to "Oconee Nuclear Station Implementing Procedures Emergency Plan" & Rev 89-03 to Vol A to "Oconee Nuclear Station Emergency Plan." W/900131 release memo.  
TUCKER,H.B. Duke Power Co. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52560:167-52561:007.

-9002060155 Public version of Rev 90-01 to Vol C, "Implementing Procedures Manual."  
BARRON,H.B. Duke Power Co. 90/01/03. 30pp. 52560:169-52560:198.

-9002060158 Public version of Rev 89-03 to Vol A to "Oconee Nuclear Station Emergency Plan."  
BARRON,H.B. Duke Power Co. 90/01/17. 169pp. 52560:199-52561:007.

9002090048 Forwards Rev 30 to security plan. W/o encl.  
TUCKER,H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52608:043-52608:044.

9002140198 Clarifies position re exercise weaknesses & inspector followup items noted in Insp Repts 50-269/89-29, 50-270/89-29 & 50-267/89-29. Enhancements to communications equipment at simulator installed since last exercise.  
TUCKER,H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52655:156-52655:159.

### P. Operating license stage documents & correspondence

9002060174 Forwards notice of consideration of issuance of amends to facility OLs & opportunity for hearing re request for amends to licenses, revising Tech Specs to update LOCA limited max allowable linear heat rate.  
WIENS,L.A. Project Directorate II-3. 90/01/18. TUCKER,H.B. Duke Power Co. 2pp. 52584:275-52584:281.

9001310256 Forwards addl info in support of 870814 request for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec 3.4.4 to raise min upper surge tank level from 5 to 6 ft.  
TUCKER,H.B. Duke Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52511:199-52511:200.

9001310093 Forwards suppl to 890831 proposed amend to auxiliary electrical sys Tech Specs, per 900109 & 10 meetings w/NRC. Technical justification & NSHC evaluation remains valid.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52503:114-52503:136.

-9001310095 Proposed Tech Spec Pages 3.7-1 through 3.1-14 re auxiliary electrical sys.  
\* Duke Power Co. 90/01/24. 22pp. 52503:115-52503:136.

9002010058 Requests approval to use Alloy 690 plugs as alternative to requirements of 10CFR55(a), codes & stds for plants prior to 900226.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.

9002060092 Advises that until 891101 response to Generic Ltr 88-20 re individual plant exams acceptable. Anticipates that addl analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/24. TUCKER,H.B. Duke Power Co. 3pp. 52559:176-52559:178.

9002070144 Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52587:012.

9002060038 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.

9002120258 Summary of 900109-10 meeting w/util re details of proposed changes to plant electrical sys Tech Specs.  
WIENS,L.A. Project Directorate II-3. 90/01/29. Project Directorate II-3. 4pp. 52630:156-52630:159.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002090329 Forwards Amends 177,177 & 174 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & environ assessment, per N Bruno 900115 request.  
INGRAM,R.K. Project Directorate II-3. 90/02/02. TEER,B.R. Trane Co. 1p. 52614:001-52614:029.

9002130031 Summary of 900116-17 interface meeting w/util at site re licensing & regulatory issues. List of attendees, handouts & agenda encl.  
WIENS,L.A. Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.

9002220322 Application for amends to Licenses DPR-38, DPR-47, DPR-55, NPF-8, NPF-17, NPF-35 & NPF-52. Amends involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.



-9002220327 Proposed Tech Specs, relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 29pp. 52667:027-52667:055.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002020226 Forwards Insp Repts 50-269/89-37, 50-270/89-37 & 50-287/89-37 on 891127-1201 & notice of violation. Attention invited to unresolved item.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/17. TUCKER, H.B. Duke Power Co. 3pp. 52540:136-52540:148.

-9002020228 Notice of violation from insp on 891127-1201. Violation noted: util inservice insp plan for second period of second interval not in conformance w/ASME Section XI Code.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/17. 2pp. 52540:139-52540:140.

-9002020232 Insp Repts 50-269/89-37, 50-270/89-37 & 50-287/89-37 on 891127-1201. Violation noted. Major areas inspected: inservice insp, including observation of work & work activities & review of actions re Unit 3, 2nd interval request for relief.  
COLEY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/10. 8pp. 52540:141-52540:148.

9002080127 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedure for core reloading revised to include implementation of design engineering analyses.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

9002120254 Responds to NRC 891229 ltr re violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31. Corrective actions: penetration 53 modified to allow Type C testing & valves 1N-131 & 1CA-29 on penetration 39 Type C tested.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52607:045-52607:047.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 85pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002140198 Clarifies position re exercise weaknesses & inspector followup items noted in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29. Enhancements to communications equipment at simulator installed since last exercise.  
TUCKER, H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52655:156-52655:159.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002150282 Revises response to violation 88-17-01 noted in Insp Repts 50-269/88-17, 50-270/88-17 & 50-287/88-17 re lack of applicable procedures for maint activities. Half of 600-volt breakers will be tested during each refueling outage.  
TUCKER, H.B. Duke Power Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52656:159-52656:161.

9002230182 Responds to NRC 900108 ltr re violations noted in Insp Repts 50-269/89-36, 50-270/89-36 & 50-287/89-36. Corrective action: operator closed 3lp-2 & 3lp-3 to stop loss of RCS inventory as indicated by decreasing level of letdown storage tank.  
TUCKER, H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 10pp. 52709:237-52709:246.

9002230543 Responds to NRC 900117 ltr re violations noted in Insp Repts 50-269/89-36, 50-270/89-36 & 50-287/89-36. Corrective actions: error corrected in accordance w/ QA Procedure QA-513.  
TUCKER, H.B. Duke Power Co. 90/02/16. Document Control Branch (Document Control Desk). 4pp. 52715:358-52715:361.

#### R. Periodic operating reports & related correspondence

9001300173 Forwards monthly operating rept for Dec 1989 for Oconee Nuclear Station, Units 1, 2 & 3 & revised monthly operating status rept for Nov 1989 for Unit 2.  
TUCKER, H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52494:232-52494:251.

-9001300174 Monthly operating repts for Dec 1989 for Oconee Nuclear Station, Units 1, 2 & 3.  
WILLIAMS, R.A. Duke Power Co. 89/12/31. 16pp. 52494:233-52494:248.

9002280204 Forwards monthly operating repts for Jan 1990 for Oconee Nuclear Station, Units 1, 2 & 3 & monthly operating status rept for Dec 1989.  
TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk). 1p. 52721:334-52721:350.

-9002230262 Monthly operating repts for Jan 1990 for Oconee Nuclear Station, Units 1, 2 & 3.  
WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 90/01/31. 14pp. 52721:335-52721:349.

-9002280206 Monthly operating status repts for Dec 1989 for Oconee Nuclear Station, Units 1, 2 & 3.  
\* Duke Power Co. 89/12/31. 1p. 52721:350-52721:350.

#### S. Reportable occurrences, LERs & related correspondence

9002140213 Advises that LER 269/90-S01 re failure of security access control program will be submitted by 900219 in order to provide addl time to assure that comprehensive corrective actions developed & documented in rept.  
BARRON, H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52651:357-52651:357.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

9001310484 Forwards revised license condition for plant, incorporating Rev 2 to ISFSI security program, for info.  
MCKEE, P. Reactor Safeguards Branch. 90/01/17. SJOBLUM, G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

9002010273 Forwards License SNM-2503, authorizing 20-yr term to receive, possess, store & transfer spent fuel from units in ISFSI located at facility, per 10CFR72.SER & notice of issuance.  
SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/01/29. TUCKER, H.B. Duke Power Co. 4pp. 52514:303-52515:069.

-9002010288 License SNM-2503, authorizing 20-yr term to receive, possess, store & transfer spent fuel from plant in ISFSI located at site.  
SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/29. 27pp. 52514:307-52514:333.

-9002010294 Safety evaluation authorizing 20-yr term to receive, possess, store & transfer spent fuel in ISFSI located at facility.  
\* Office of Nuclear Material Safety & Safeguards, Director. 89/10/31. 92pp. 52514:334-52515:065.

-9002010385 Notice of issuance of License SNM-2503 for ISFSI at facility.  
SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/01/29. 3pp. 52515:066-52515:069.

9002070204 Responds to 890308 request to review matl submitted by ltr, dtd 890210, amending neutron shield design of transfer cask proposed to be used in operation of plant ISFSI. Design mod in compliance w/10CFR72.48.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/01. TUCKER, H.B. Duke Power Co. 2pp. 52605:008-52605:033.

-9002070219 SER accepting design change to transfer cask for util ISFSI.  
\* Office of Nuclear Material Safety & Safeguards, Director. 90/02/28. 24pp. 52605:010-52605:033.

#### DOCKET 50-288 REED COLLEGE RESEARCH REACTOR

#### V. Operator Examinations

9002070332 Responds to 890814 ltr re on-the-job training & evaluation concerning proposed requalification plan. Notice to operators issued detailing policy on subj areas, as alternative to providing details as part of plan.  
RUBY, L. Reed College, Portland, OR. 90/01/17. MICHAELS, T.S. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52604:263-52604:266.

9002230522 Informs that reactor operator & senior reactor operator exams scheduled for wk of 900515. Encl ref matl requested by 900316.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/02/15. BRAGDON, P. Reed College, Portland, OR. 11pp. 52702:094-52702:104.

#### DOCKET 50-289 THREE MILE ISLAND NUCLEAR STATION, UNIT 1

#### P. Operating license stage documents & correspondence

9002020102 Requests approval for use of B&W steam generator plugs mfg w/alternate matl (nickel-base alloy/Alloy 600). Alloy 600 has superior corrosion resistance to primary water stress corrosion cracking.  
DEVINE, J.C. General Public Utilities Corp. - GPU Service Corp. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52526:167-52526:168.

9002080046 Forwards clarifications to specific items in NRC 891227 SER, per 890417 response to station blackout rule for facility. Mods & procedure changes re rule compliance expected to be completed by end of Refueling Outage 9R.  
HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52609:129-52609:131.

9002070287 Provides addl info supporting deferral of Seismic Qualification Util Group walkdowns to 10R outage. Performance of walkdowns provide proper scheduling & priority for resolution of USI A-46 for TMI-1.  
HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52604:292-52604:293.

## 58 DOCKETED ITEMS

**9002080038** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Audit rpt determined that operation of decay heat closed cooling water sys consistent w/design basis documents.  
HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/01/26. Document Control Branch (Document Control Desk). 8pp. 52598:354-52598:361.

**9002120298** Advises of EPRI release of Mod 2 of VIPRE-01 computer code which util intends to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52626:349-52626:357.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002130059** Forwards Amend 152 to License DPR-50 & safety evaluation. Amend changes value of moderator temp coefficient required by Tech Specs & changes definition of max core tilt limit.  
HERNAN,R.W. Project Directorate I-4. 90/02/01. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 4pp. 52645:344-52645:358.

**-9002130065** Amend 152 to License DPR-50, revising Tech Specs by changing value of moderator temp coefficient, definition of max core tilt limit & reflecting increase in allowable linear heat rate limit & reflects higher level in boric acid water tank.  
STOLZ,J.F. Project Directorate I-4. 90/02/01. 7pp. 52645:348-52645:354.

**-9002130072** Safety evaluation supporting Amend 152 to License DPR-50.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/01. 4pp. 52645:355-52645:358.

**9002160179** Advises that use of Alloy 690 as proposed alternative to use of Alloy 600, acceptable, per 900125 request. Alternate matl is nickel-base alloy w/ASME Designation SB-166.  
STOLZ,J.F. Project Directorate I-4. 90/02/09. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52657:359-52657:360.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010369** Forwards Safety Insp Rept 50-289/89-25 on 891109-1218 & notice of violation.  
WENZINGER,E.C. Region 1, Ofc of the Director. 90/01/19. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52515:147-52515:160.

**-9002010372** Insp Rept 50-289/89-25 on 891109-1218. No violations or unresolved items identified. Major areas inspected: plant operations, maint/surveillance & engineering/technical support activities re plant safety.  
COLLINS,E.E. Region 1, Ofc of the Director. 90/01/18. 12pp. 52515:149-52515:160.

**9002070033** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedure governing fuel loading in core will be revised to implement specified requirement.  
HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/01/19. Document Control Branch (Document Control Desk). 3pp. 52598:256-52598:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

**9002220636** Forwards Requalification Program Evaluation Rept 50-289/89-200LRQ administered on 891106-17. Four crews passed simulator portion & 19 of 20 passed all portions of exam. Overall exam rating satisfactory.  
GALLO,R.M. Region 1, Ofc of the Director. 90/02/09. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52689:106-52689:117.

**-9002220639** Exam Rept 50-289/89-200LRQ on 891106-17. Exam results: four crews passed simulator portion & 19 of 20 operators passed all portions of exam. Overall exam rating satisfactory.  
NORRIS,B.S. Region 1, Ofc of the Director. 90/02/07. 10pp. 52689:108-52689:117.

### R. Periodic operating reports & related correspondence

**9002220467** Monthly operating rept for Jan 1990 for TMI-1.W/900215 ltr.  
SMYTH,C.W., HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/01/31. 8pp. 52673:094-52673:101.

### S. Reportable occurrences, LERs & related correspondence

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002130389** LER 90-001-00: on 900107, inadvertent trip of reactor protection sys occurred, followed by inadvertent engineered safeguards actuation sys actuation. Caused by inadequate procedural detail. Procedure improvements made. W/900206 ltr.  
KNIGHT,M.R., HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/02/06. 8pp. 52637:047-52637:054.

### V. Operator Examinations

**9002140278** Forwards revised NRC Form 396, "Certification of Medical Exam by Facility Licensee" & Form 398, "Personal Qualifications Statement-Licensee." All applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 8pp. 52655:277-52655:284.

**9002140084** Discusses generic fundamentals exam section of written operator licensing exam, per Generic Ltr 89-17. Exam section will consist of 100 multiple choice questions w/passing score set at 80%. Registration form encl.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 8pp. 52655:106-52655:101.

**9002220636** Forwards Requalification Program Evaluation Rept 50-289/89-200LRQ administered on 891106-17. Four crews passed simulator portion & 19 of 20 passed all portions of exam. Overall exam rating satisfactory.  
GALLO,R.M. Region 1, Ofc of the Director. 90/02/09. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52689:106-52689:117.

**-9002220639** Exam Rept 50-289/89-200LRQ on 891106-17. Exam results: four crews passed simulator portion & 19 of 20 operators passed all portions of exam. Overall exam rating satisfactory.  
NORRIS,B.S. Region 1, Ofc of the Director. 90/02/07. 10pp. 52689:108-52689:117.

### DOCKET 50-293 PILGRIM NUCLEAR POWER STATION, UNIT 1

### P. Operating license stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002230165** Forwards Amend 128 to License DPR-35 & safety evaluation. Amend replaces existing Tech Spec definition of surveillance frequency w/definition consistent w/guidance in Generic Ltr 89-14 re line-item improvements in Tech Specs.  
MCDONALD,D.G. Project Directorate I-3. 90/02/12. BIRD,R.G. Boston Edison Co. 5pp. 52702:147-52702:159.

**-9002230167** Amend 128 to License DPR-35, replacing existing Tech Spec definition of surveillance frequency w/new definition consistent w/guidance in Generic Ltr 89-14 re removal of 3.25 limit on extending surveillance intervals.  
WESSMAN,R.H. Project Directorate I-3. 90/02/12. 5pp. 52702:152-52702:156.

**-9002230173** Safety evaluation supporting Amend 128 to License DPR-35.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/12. 3pp. 52702:157-52702:159.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310018** Forwards Insp Rept 50-293/89-12 on 891002-1119 & notice of violation.  
KANE,W.F. Region 1, Ofc of the Director. 90/01/19. BIRD,R.G. Boston Edison Co. 3pp. 52497:078-52497:116.

**-9001310019** Notice of violation from Insp on 891002-1119. Violation noted: failure to comply w/procedural requirements for documentation re hanging & removal of tags resulting in administrative errors or omissions.  
\* Region 1, Ofc of the Director. 90/01/19. 2pp. 52497:081-52497:082.

**-9001310020** Insp Rept 50-293/89-12 on 891002-1119. Violation noted. Major areas inspected: licensee mgt controls, conduct of operations & licensee approach to investigation & resolution of events during 100% power plateau of power ascension test program.  
BLOUGH,A.R. Region 1, Ofc of the Director. 90/01/18. 34pp. 52497:083-52497:116.

**9002010312** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Bolting in Anchor Darling...." Review determined that no sub Anchor Darling swing check valves or similar valves installed at facility.  
BIRD,R.G. Boston Edison Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52522:239-52522:240.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130194 Partial response to FOIA request App N & O documents available in PDR App O documents encl App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

-8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### R. Periodic operating reports & related correspondence

9002070179 NPDES discharge monitoring rept for Pilgrim Nuclear Power Station for Oct-Dec 1989.W/900125 ltr.  
BARRETT,R. Boston Edison Co. 89/12/31. 19pp. 52587:013-52587:031.

#### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### V. Operator Examinations

9002140137 Discusses & forwards revised NRC Forms 396,certification of medical exam by facility licensee & NRC Forms 398,personal qualifications statement - licensee.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. BIRD,R.G. Boston Edison Co. 8pp. 52651:286-52651:293.

9002140122 Advises that generic fundamentals exam section of operator licensing exam will conform w/listed guidelines & will be included in next rev to NUREG-1021,per Generic Ltr 89-17 & pilot test participant feedback.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. BIRD,R.G. Boston Edison Co. 8pp. 52655:248-52655:255.

#### DOCKET 50-295 ZION NUCLEAR POWER STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-E0F-1, "Manager of Emergency Operations."  
CARSON,R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-E0F-25, "Protective Measures Director."  
CARSON,R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9001290082 Forwards response to Safeguards Insp Repts 50-295/89-32 & 50-304/89-28,Response withheld (ref 10CFR73.21).  
KOVACH,T.J. Commonwealth Edison Co. 89/12/21. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52454:123-52454:123.

9001300188 Advises that 891222 Rev 21 to security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGGER,L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH,T.J. Commonwealth Edison Co. 2pp. 52495:357-52495:358.

9002150046 Corrected Page 11 to EPIP 190-1.  
\* Commonwealth Edison Co. 90/01/11. 4pp. 52656:185-52656:188.

9001310237 Forwards Safeguards Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 & notice of violation,Statement of corrective action re violation identified in encl should be submitted as separate encl to transmittal ltr,Notice withheld.  
GREGGER,L.R. Region 3, Ofc of the Director. 90/01/24. REED,C. Commonwealth Edison Co. 2pp. 52503:193-52503:195.

-9001310240 Partially withheld Physical Security Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 (ref 10CFR73.21(c)(2)). Violations noted,Major areas inspected:mtg effectiveness, safeguards contingency plan & security program audit.  
CHRISTOFFER,G., CREED,J.R. Region 3, Ofc of the Director. 90/01/24. 1p. 52503:195-52503:195.

9002150100 Change Request A-89-452 to EPIP 450-2, "Emergency Operations Facility Particulate Iodine & Noble Gas Monitor."  
\* Commonwealth Edison Co. 90/02/01. 8pp. 52657:037-52657:044.

9002150105 Permanent Procedure Change Request A-89-707 to EPIP 330-1, "Classification of Generating Station Electric Plant Conditions."  
MADIGAN,M.P. Commonwealth Edison Co. 90/02/01. 6pp. 52656:049-52656:054.

9002150112 Permanent Change Request A-89-736 to Procedure EPIP 360.1, "Site Evacuation of Nonessential Personnel." W/900201 ltr.  
\* Commonwealth Edison Co. 90/02/01. 3pp. 52656:198-52656:200.

9002150119 Change Request A-89-708 to EPIP 350-1, "Calculation of Station Noble Gas Release Rate & Release Quantity Using NMC & Westinghouse Noble Gas Monitor & Steam Line Monitor Readings."  
MADIGAN,M.P., KASSNER,G. Commonwealth Edison Co. 90/02/01. 30pp. 52657:058-52657:087.

9002150127 Change Request A-89-737 to EPIP 360-2, "Assembly & Evacuation of Onsite Personnel."  
\* Commonwealth Edison Co. 90/02/01. 18pp. 52676:343-52676:360.

9002150130 Change Request A-89-747 to EPIP 320-1, "Activation of Generating Station Emergency Plan Station Group."  
\* Commonwealth Edison Co. 90/02/01. 13pp. 52676:201-52676:211.

9002150089 Revised EPIPs,including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

#### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI,P.C. Project Directorate III-2. 89/11/24. KOVACH,T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

9001310182 Requests withdrawal of 860221 proposed Tech Spec amend re operation of containment purge & vent sys.Amend request on subj,including rev of plant confirmatory order,will be submitted in future.  
CHRZANOWSKI,R. Commonwealth Edison Co. 90/01/22. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52514:020-52514:020.

9001310278 Requests withdrawal of proposed Tech Spec re operation of containment purge & vent sys.Withdrawal requested to permit inclusion of evaluation of confirmatory order in significant hazards consideration.  
CHRZANOWSKI,R. Commonwealth Edison Co. 90/01/23. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52503:275-52503:275.

9001310418 Recommends that NRC cancel Yellow Ticket 0899213 dtd 890927 re proposed Tech Specs for containment purge & vent sys, based on util 900123 request to withdraw proposed amend request.New licensee proposal forthcoming.  
CRAIG,J.W. Project Directorate III-2. 90/01/24. PARTLOW,J.G. Associate Director for Projects (Post 870411). 1p. 52514:066-52514:068.

9002010073 Advises that boric acid corrosion prevention program acceptable,per 890530-0601 audit,in response to Generic Ltr 88-05.Trip rept of NRC 890530-0601 visit to facility re boric acid prevention encl.  
PATEL,C.P. Project Directorate III-2. 90/01/24. KOVACH,T.J. Commonwealth Edison Co. 11pp. 52531:099-52531:109.

9002010089 Advises that 891027 response to Generic Ltr 88-20 re individual plant exam approach,methodology & schedule acceptable.  
SHEMANSKI,P.C. Project Directorate III-2. 90/01/24. KOVACH,T.J. Commonwealth Edison Co. 5pp. 52539:096-52539:100.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50,App A,GDC 44.45 & 46 & App B,Section XI.  
RICHTER,M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

9002230175 Forwards chronology re encl Licciardo 891019 memo to Taylor, consisting of differing prof opinion on plant for placement in PDR & Central Files.  
SMITH,H. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. LANHAM,D. NRC - No Detailed Affiliation Given. 3pp. 52696:280-52697:347.

-9002230183 Forwards differing prof opinion re plant containment isolation valves & methodology used for calculating offsite doses.Consideration requested by independent outside qualified sources.  
LICCIARDO,R.B. Plant Systems Branch. 89/10/19. TAYLOR,J.M. Ofc of the Executive Director for Operations. 5pp. 52697:251-52697:255.

-8909140138 Comments on plant containment isolation valves,per SAD-89-54 request.  
KUDRICK,J.A. Plant Systems Branch (870411-890826). 89/08/08. THADANI,A. NRC - No Detailed Affiliation Given. 2pp. 52697:256-52697:311.

-9002230187 Ack receipt of 891019 submittal on differing prof opinion re plant containment isolation valves & methodology used for calculating offsite doses,Independent qualified review group established.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/11/08. LICCIARDO,R.B. Plant Systems Branch. 1p. 52697:312-52697:313.

-9002230190 Forwards final review rept on differing prof opinion re method for projecting offsite thyroid doses,in response to 891019 request.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/01/02. LICCIARDO,R.B. Plant Systems Branch. 2pp. 52697:314-52697:315.

## 60 DOCKETED ITEMS

—9002230197 Forwards independent rept on differing prof opinion, per 891102 request. Fuel failure extremely unlikely during first 7 s of design basis LOCA, contrary to differing prof opinion.  
ROSS, D.F., MURPHY, J.A., SOFFER, L. NRC - No Detailed Affiliation Given. 89/11/30. Ofc of the Executive Director for Operations. 30pp. 52697:316-52697:345.

—9002230198 Requests that NRR undertake reexam of stated design question & policy issue in response to 891019 request for review of differing prof opinion on plant purge sys valves.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/08. MURLEY, T.E. Ofc of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52697:346-52697:347.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002070300 Notification of 900207 meeting w/ util in Rockville, MD to discuss licensing activities re plant.  
PATEL, C.P. Project Directorate III-2. 90/02/02. CRAIG, J.W. Project Directorate III-2. 2pp. 52604:209-52604:211.

9002140005 Forwards SER supporting util responses to Generic Ltr 83-28, Item 2.2.1 re program for classifying all safety-related components other than reactor trip sys components.  
PATEL, C.P. Project Directorate III-2. 90/02/06. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52653:266-52653:287.

—9002140008 SER supporting util responses to Generic Ltr 83-28, Item 2.2.1 re equipment classification program for all safety-related components.  
\* NRC - No Detailed Affiliation Given. 90/02/06. 2pp. 52653:269-52653:271.

—9001050122 "Conformance to Generic Ltr 83-28, Item 2.2.1-Equipment Classification for All Other Safety-Related Components: Zion -1/-2," technical evaluation rept.  
UDY, A.C. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN D-6001. EGG-NTA-7423. 89/12/31. NRC - No Detailed Affiliation Given. 17pp. 52653:272-52653:287.

9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/ provisions of 10CFR50, App B & acceptable.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

9002230493 Notification of 900306 meeting w/ util in Rockville, MD to discuss issues re reactor vessel integrity for facilities.  
PATEL, C.P. Project Directorate III-2. 90/02/20. SHEMANSKI, P. Project Directorate III-2. 3pp. 52709:259-52709:261.

### Q. Inspection reports, IE Bulletins & correspondence

9001290062 Forwards response to Safeguards Insp Repts 50-295/89-32 & 50-304/89-28. Response withheld (ref 10CFR73.21).  
KOVACH, T.J. Commonwealth Edison Co. 89/12/21. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52454:123-52454:123.

9002070019 Responds to NRC 891115 ltr re violations noted in Insp Repts 50-295/89-30 & 50-304/89-30. Corrective action: work instructions for craft would be improved & add engineering involvement would be provided.  
KOVACH, T.J. Commonwealth Edison Co. 89/12/27. DAVIS, A.B. Region 3, Ofc of the Director. 16pp. 52592:348-52593:003.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290140 Provides results of Unit 1 breaker insp & advises that remaining DS breakers, consisting of 28 DS-206 breakers also inspected during Fall 1989 refueling outage & pole shafts replaced on breakers not meeting weld criteria.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/22. DAVIS, A.B. Region 3, Ofc of the Director. 3pp. 52467:359-52467:361.

9001290194 Provides results of Unit 1 latching-type relays & informs that Electrical Maint Procedure E005-2 revised to ensure that all future relays will be inspected for proper latch engagement prior to installation.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52467:350-52467:351.

9001310237 Forwards Safeguards Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 & notice of violation. Statement of corrective action re violation identified in encl should be submitted as separate encl to transmittal ltr. Notice withheld.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 2pp. 52503:193-52503:195.

—9001310240 Partially withheld Physical Security insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 (ref 10CFR73.21(c)(2)). Violations noted. Major areas inspected: mgt effectiveness, safeguards contingency plan & security program audit.  
CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director. 90/01/24. 1p. 52503:195-52503:195.

9002010166 Forwards Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Topics discussed included apparent violations noted in Insp Repts 50-295/89-40 & 50-304/89-36.  
MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 2pp. 52512:233-52512:241.

—9002010171 Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Major areas discussed: programmatic deficiencies re control & tracking of individual licensed operator requirements per 10CFR55.53.  
LENNARTZ, J., SHEMBARGER, K., WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/22. 7pp. 52512:235-52512:241.

9002060073 Proposes to inspect at least eight valves per unit per refueling outage in response to NRC Bulletin 89-002 re Anchor Darling swing check valves. Addl outage may be needed depending on plant condition.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52558:221-52558:225.

9002070049 EN-90-010: on 900131, notice of violation & proposed imposition of civil penalty in amount of \$100,000 will be issued. Action based on failure to properly consider role of emergency diesel generator ventilation support sys.  
TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/01/26. 1p. 52598:223-52598:223.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002060230 Forwards response to NRC Bulletin 89-003. Util nuclear fuels dept designs or reviews & approves each core reload for plants & refueling operations recently reviewed to ensure appropriate procedural controls in place.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52569:246-52569:250.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002090104 Discusses Safety insp Repts 50-295/89-36 & 50-304/89-32 on 891018-1106, forwards notice of violation & proposed imposition of civil penalty & requests response discussing actions taken to assure concerns properly prioritized.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/01/31. REED, C. Commonwealth Edison Co. 4pp. 52615:058-52615:070.

—9002090107 Notice of violation & proposed imposition of civil penalty in amount of \$100,000. Noncompliance noted: diesel generator room ventilation fan control switches placed in pull-to-lock position.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/01/31. 3pp. 52615:062-52615:070.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002080387 Grants enforcement discretion extending outage time for 40 h to complete repair to air start sys & perform required operability run on diesel generator 1B, per encl 900130 & 31 requests.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/02/01. REED, C. Commonwealth Edison Co. 2pp. 52594:177-52594:190.

—9002080390 Requests relief from 800229 confirmatory order for facility to extend outage time for 40 h in order to complete repair air start sys & perform operability run on diesel generator 1B, per 900130 telcon.  
CHRZANOWSKI, R. Commonwealth Edison Co. 90/01/30. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52594:179-52594:180.

—9002080392 Provides addl info re enforcement discretion allowing 40 h extension of outage time for diesel generator 1B, including description of facility electrical distribution sys, design bases & statement on plant safety.  
CHRZANOWSKI, R. Commonwealth Edison Co. 90/01/31. DAVIS, A.B. Region 3, Ofc of the Director. 10pp. 52594:181-52594:190.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002140003 Forwards SER re util 880324, 0408 & 0927 responses to NRC Bulletin 89-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." Responses acceptable subj to adoption of addl administrative controls by util.  
PATEL, C.P. Project Directorate III-2. 90/02/06. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52653:311-52653:315.

—9002140004 SER supporting util 880324, 0408 & 0927 responses to NRC Bulletin 89-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes."  
\* NRC - No Detailed Affiliation Given. 90/02/06. 2pp. 52653:314-52653:315.

9002220697 Forwards Safety insp Repts 50-295/89-39 & 50-304/89-35 on 891201-900115. No violations noted.  
SHAFER, W.D. Region 3, Ofc of the Director. 90/02/07. REED, C. Commonwealth Edison Co. 2pp. 52683:308-52683:326.

—9002220701 Insp Repts 50-295/89-39 & 50-304/89-35 on 891201-900115. No violations noted. Major areas inspected: licensee action on previous insp findings, Info Notice 89-051 & Generic Ltr 87-06 & summary of operations.  
CLAYTON, B. Region 3, Ofc of the Director. 90/02/07. 17pp. 52683:310-52683:326.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.



**R. Periodic operating reports & related correspondence**

**9002150001** Monthly operating repts for Jan 1990 for Zion Generating Station, Units 1 & 2/W/900209 ltr.  
THOMAS, J., JOYCE, T.P. Commonwealth Edison Co. 90/01/31. 12pp. 52675:145-52675:156.

**S. Reportable occurrences, LERs & related correspondence**

**9001310313** LER 89-025-00: on 891218, auxiliary feedwater motor-operated valves failed to fully close w/pump 1B running. Caused by personnel failure to thoroughly review mod. Work request written for maint personnel to investigate. W/900123 ltr.  
WINTER, C., JOYCE, T.P. Commonwealth Edison Co. 90/01/23. 5pp. 52521:033-52521:037.

**9002130398** Special Rept OSR/007/90: on 891228, diesel fire pump OB inoperable for greater than 7 days. Failure under investigation & believed to be caused by wear between injector body & plunger assemblies. Repairs underway.  
JOYCE, T.P. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52653:026-52653:029.

**9002060399** Forwards Technical Review Rept. AED/T925, "Evaluation of Safety Equipment Outages for Significance at Zion," for operating situation that occurred at plant during Nov 1989, for info. Techniques from NRC Accident Sequence Program used.  
NOVAK, T.M. Division of Safety Programs (Post 870413). 90/01/31. JOYCE, T.P. Commonwealth Edison Co. 2pp. 52569:009-52569:016.

**9001220251** LER 90-001-00: on 900103, RCS leak of approx 20 gpm developed. On 900104, leak source determined to be packing failure on RHR pump RCS suction isolation valve 1MOV-RH8702. Caused by failure to center valve stem. Valve repacked. W/900131 ltr.  
ASHLEY, J.C., JOYCE, T.P. Commonwealth Edison Co. 90/01/31. 5pp. 52635:195-52635:199.

**9002230038** LER 90-002-00: on 900116, turbine driven auxiliary feedwater pump 1A run deadheaded, damaging pump. Caused by mgt error & procedural deficiency. Pump disassembled & impeller replaced. Training conducted. W/900215 ltr.  
SHEEHAN, D., JOYCE, T.P. Commonwealth Edison Co. 90/02/15. 6pp. 52713:179-52713:184.

**V. Operator Examinations**

**9001310085** Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

**9001290177** Provides schedule for certification exam. Completion of listed tasks will be documented in qualification journal on appropriate signature cards.  
BURDICK, T. Region 3, Ofc of the Director. 90/01/17. WALKER, J. Region 3, Ofc of the Director. 1p. 52468:111-52468:111.

**9002010166** Forwards Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Topics discussed included apparent violations noted in Insp Repts 50-295/89-40 & 50-304/89-36.  
MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 2pp. 52512:233-52512:241.

**9002010171** Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Major areas discussed: programmatic deficiencies re control & tracking of individual licensed operator requirements per 10CFR55.53.  
LENNARTZ, J., SHEMBARGER, K., WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/22. 7pp. 52512:235-52512:241.

**DOCKET 50-296 BROWNS FERRY NUCLEAR POWER STATION, UNIT 3****F. Security, medical, emergency & fire protection plans**

**9001300211** Rev 6 to EPIP-1, "Emergency Plan Classification Logic." W/900122 ltr.  
RAY, M.J. Tennessee Valley Authority. 90/01/22. 28pp. 52466:128-52466:155.

**9002070059** Ack receipt of 900109 ltr transmitting revised pages for security personnel training & qualification plan for plants. Agreement w/determination that plan does not contain safeguards info noted.  
WILSON, B.A. Assistant Director for Inspection Programs. WILSON, B.A. Region 2, Ofc of the Director. 90/01/25. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52598:276-52598:279.

**9002220660** Corrected Page 1 to EPIP index dtd 900119. W/900205 ltr.  
RAY, M.J. Tennessee Valley Authority. 90/02/05. 4pp. 52696:132-52696:135.

**9002220462** Forwards supplemental safety evaluation re conformance to Reg Guide 1.97, Rev 3 re emergency response capability. BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria.  
BLACK, S.C. Assistant Director for Projects. 90/02/08. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52696:139-52696:181.

**9002220464** Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability. Facility design acceptable except for variables for core spray flow, LPCI flow, RHR sys flow & HX outlet temp.  
\* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52696:148-52696:181.

**H. General correspondence**

**9002010197** Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers.  
RAY, M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

**P. Operating license stage documents & correspondence**

**9002050413** Summary of 900111 meeting w/util in Rockville, MD to discuss status of integration of engineering assurance into Nuclear QA group. List of attendees & util handouts encl.  
GEARS, G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 29pp. 52548:270-52548:311.

**9002060007** "Review of Integration of Engineering Assurance Functions Into Nuclear QA, Nuclear Engineering & Nuclear Licensing & Regulatory Affairs, Part 1."  
MULLEE, G.R. Tennessee Valley Authority. 89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

**9001310189** Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

**9002010125** Discusses util 891030 response to Generic Ltr 89-16 re installation of hardened wetwell vent. NRC will not proceed w/backfit analysis for plant based on util commitment to install requisite mods.  
BLACK, S.C. Assistant Director for Projects. 90/01/24. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52532:081-52532:083.

**9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

**9002080159** Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants. Response for Browns Ferry extended 30 days. List of commitments also encl.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

**9002060119** Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested.  
BLACK, S.C. Assistant Director for Projects. 90/01/29. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220462** Forwards supplemental safety evaluation re conformance to Reg Guide 1.97, Rev 3 re emergency response capability. BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria.  
BLACK, S.C. Assistant Director for Projects. 90/02/08. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52696:139-52696:181.

**9002220464** Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability. Facility design acceptable except for variables for core spray flow, LPCI flow, RHR sys flow & HX outlet temp.  
\* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52696:148-52696:181.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300142** Forwards Insp Repts 50-259/89-53, 50-260/89-53 & 50-296/89-53 on 891115-1218 & notices of violation & deviation.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/18. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52475:056-52475:078.

**9001300151** Notice of deviation from Insp on 891115-1218. Deviation noted: failure to submit special rept to NRC on licensee reviews of initiating conditions.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/18. 1p. 52475:062-52475:062.

**9001300155** Insp Repts 50-259/89-53, 50-260/89-53 & 50-296/89-53 on 891115-1218. Violations & deviations noted. Major areas inspected: surveillance observations, licensed power indication, maint observation & restart test program.  
CARPENTER, D.R., PATTERSON, C.A. Region 2, Ofc of the Director. 90/01/18. 16pp. 52475:063-52475:078.

**9001300164** Forwards Insp Repts 50-259/89-54, 50-260/89-54 & 50-296/89-54 on 891115-1218. No violations or deviations noted.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/18. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 52474:334-52474:348.

**9001300168** Insp Repts 50-259/89-54, 50-260/89-54 & 50-296/89-54 on 891115-1218. No violations or deviations noted. Major areas inspected: followup of open items & action on previous insp findings.  
CARPENTER, D.R., PATTERSON, C.A., LITTLE, W.S. Region 2, Ofc of the Director. 90/01/18. 13pp. 52474:336-52474:348.

**9001300438** Forwards Insp Repts 50-259/89-58, 50-260/89-58 & 50-296/89-58 on 891218-22. No violations or deviations noted.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

**9001300442** Insp Repts 50-259/89-58, 50-260/89-58 & 50-296/89-58 on 891218-22. No violations or deviations noted. Major areas inspected: control room operator & licensed operator requalification accredited training programs.  
BRESLAU, B., KELLOGG, P. Region 2, Ofc of the Director. 90/01/19. 10pp. 52496:343-52496:352.



## 62 DOCKETED ITEMS

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002070425** Forwards Insp Repts 50-259/89-57,50-260/89-57 & 50-296/89-57 on 891204-08 & notice of violation.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52570:032-52570:044.

**-9002070429** Notice of violation from insp on 891204-08. Violations noted: 7 of 27 QC-accepted pipe supports found w/deviations from documented requirements, including missing stakes for locking nut device & gaps of up to 1/4-inch caused by warpage.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. 2pp. 52570:035-52570:036.

**-9002070432** Insp Repts 50-259/89-57,50-260/89-57 & 50-296/89-57 on 891204-08. Violations noted. Major areas inspected: pipe support base plate design using concrete expansion anchor bolts per IE Bulletin 79-02 & IE Bulletin 79-14 re piping.  
CHOU,R.C., CARRION,R.P., BLAKE,J.J. Region 2, Ofc of the Director. 90/01/12. 8pp. 52570:037-52570:044.

**9002130351** Ack receipt of 900108 response to deviations noted in Insp Repts 50-259/89-49,50-260/89-49 & 50-296/89-49. Understands that justification for discontinuing formal notification of senior mgt changes will be sent in separate correspondence.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52646:065-52646:066.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002090165** Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting. Civil penalty not proposed since TVA has implemented programs.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

**-9002090171** Notice of violation from insp on 860428-0916. Violations noted: failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy.  
CRUTCHFIELD,D. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

**9002120101** Corrected ltr discussing NRC Investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees. Were HS Sanger still util employee, NRC would consider add actions.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

**-9002120115** Notice of violation from investigation on 860428-0916. Violations noted: failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

**9002130223** Forwards Insp Repts 50-259/89-60,50-260/89-60 & 50-296/89-60 on 891215-900115. No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/02/01. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52646:001-52646:016.

**-9002130226** Insp Repts 50-259/89-60,50-260/89-60 & 50-296/89-60 on 891215-900115. No violations or deviations noted. Major areas inspected: surveillance observation, maint observation, mods, operational safety verification & refueling activities.  
CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/01/31. 14pp. 52646:003-52646:016.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002140151** Forwards Insp Repts 50-259/89-61,50-260/89-61 & 50-296/89-61 on 891215-900115. No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/02/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52655:181-52655:201.

**-9002140153** Insp Repts 50-259/89-61 & 50-260/89-61 & 50-296/89-61 on 891215-900115. No violations or deviations noted. Major areas inspected: ROs & action on previous insp findings.  
CARPENTER,D.R., PATTERSON,C.A., LITTLE,W.S. Region 2, Ofc of the Director. 90/02/01. 19pp. 52655:183-52655:201.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Fuels Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### S. Reportable occurrences, LERs & related correspondence

**9002020121** Informs that issuance of LER not required re 891222 event concerning discrepancy between SNM history record & field installation location. Event reportable under 10CFR70.52, therefore, no add repts necessary.  
RAY,M.J. Tennessee Valley Authority. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52541:207-52541:208.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### V. Operator Examinations

**9001300438** Forwards Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22. No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

**-9001300442** Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22. No violations or deviations noted. Major areas inspected: control room operator & licensed operator requalification accredited training programs.  
BRESLAU,B. Region 2, Ofc of the Director. 90/01/10. 10pp. 52496:343-52496:352.

### DOCKET 50-298 COOPER NUCLEAR STATION

### F. Security, medical, emergency & fire protection plans

**9001250182** Advises that 890626 Rev 24 to safeguards plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/11. TREVORS,G.A. Nebraska Public Power District. 3pp. 52467:274-52467:276.

**9001290043** Forwards response to Insp Rept 50-298/89-34. Response withheld (ref 10CFR73.21).  
TREVORS,G.A. Nebraska Public Power District. 90/01/22. Document Control Branch (Document Control Desk). 1p. 52468:152-52468:152.

**9002080176** Rev 9 to EPIP 5.7.15, "Rescue & Reentry." W/900130 ltr.  
BLACK,R., BRUNGARDT,R., TREVORS,G.A. Nebraska Public Power District. 90/01/30. 10pp. 52594:203-52594:212.

### J. Insurance & Indemnity Information

**9001290050** Forwards Endorsement 13 to NELIA Certificate N-41 & Endorsement 13 to MAELU Certificate M-41.  
TREVORS,G.A. Nebraska Public Power District. 90/01/16. Document Control Branch (Document Control Desk). 3pp. 52469:189-52469:191.

**9001300274** Forwards Endorsement 71 to MAELU Policy MF-70 & Endorsement 87 to NELIA Policy NF-200.  
TREVORS,G.A. Nebraska Public Power District. 90/01/16. Document Control Branch (Document Control Desk). 3pp. 52471:347-52471:349.

**9001310037** Forwards Endorsement 5 to NELIA Certificate NW-107 & MAELU Certificate MW-43.  
TREVORS,G.A. Nebraska Public Power District. 90/01/16. Document Control Branch (Document Control Desk). 3pp. 52514:034-52514:036.

### P. Operating license stage documents & correspondence

**9002020247** Application for amend to License DPR-46, relaxing safety valve & safety relief valve setpoint tolerance.  
KUNCL,L.G. Nebraska Public Power District. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52533:183-52533:197.

**-9002020250** Proposed Tech Specs, relaxing setpoint tolerance for safety valves & safety relief valves.  
\* Nebraska Public Power District. 90/01/26. 10pp. 52533:188-52533:197.

**9002080197** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Applicable HX performance evaluation procedures will be revised by 901231 & ultrasonic testing will be performed.  
KUNCL,L.G. Nebraska Public Power District. 90/01/29. Document Control Branch (Document Control Desk). 12pp. 52589:054-52589:065.

**9002070260** Advises that util 891027 response to Generic Ltr 89-16 re installation of hardened wetwell vents, acceptable, per 10CFR50.59. Schedule requested to be re-evaluated & revised in order to complete actions by Jan 1993.  
O'CONNOR,P.W. Project Directorate IV. 90/01/30. TREVORS,G.A. Nebraska Public Power District. 3pp. 52598:199-52598:201.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220337** Submits update of 890220 response to Generic Ltr 88-14, "Instrument Air Supply Sys Affecting Safety-Related Equipment." Effort continuing to collect info re air quality requirements associated w/all safety-related components.  
TREVORS,G.A. Nebraska Public Power District. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52678:334-52678:335.

**9002220671** Forwards safety evaluation concluding that review of procedures generation package submitted by 840629,0822 & 880331 ltrs to address programmatic improvements necessary. Consideration of Insp Rept 50-298/88-200 results suggested.  
O'CONNOR,P.W. Project Directorate IV. 90/02/14. TREVORS,G.A. Nebraska Public Power District. 3pp. 52696:242-52696:258.

-9002220672 Safety evaluation concluding that procedures generation package submitted by 840629,0822 & 880331 ltrs should be reviewed to address programmatic improvements outlined in evaluation.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 14pp. 52696:245-52696:258.

9002220678 Advises that 890803,1219 & 0724 responses to Generic Ltr 88-01 acceptable w/listed exceptions.Safety evaluation of responses & contractor technical evaluation rept also encl. W/o stated encls.  
O'CONNOR,P.W. Project Directorate IV. 90/02/14. TREVORS,G.A. Nebraska Public Power District. 4pp. 52816:015-52816:055.

#### Q. Inspection reports, IE Bulletins & correspondence

9001290123 Notifies that NRC Insp 50-298/89-49 canceled.Rept number will not be used.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/12. TREVORS,G.A. Nebraska Public Power District. 2pp. 52454:117-52454:118.

9001300360 Ack receipt of 891228 ltr informing NRC of steps taken to correct concerns noted in Insp Rept 50-298/89-35.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/12. TREVORS,G.A. Nebraska Public Power District. 2pp. 52471:180-52471:186.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290043 Forwards response to Insp Rept 50-298/89-34.Response withheld (ref 10CFR73.21).  
TREVORS,G.A. Nebraska Public Power District. 90/01/22. Document Control Branch (Document Control Desk). 1p. 52468:152-52468:152.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002060344 Forwards Insp Rept 50-298/89-39 on 891216-900115.No violations or deviations noted.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/31. TREVORS,G.A. Nebraska Public Power District. 3pp. 52559:180-52559:191.

-9002060345 Insp Rept 50-298/89-39 on 891216-900115.No violations or deviations noted.Major areas inspected:operational safety verification,LER followup,monthly maint & surveillance observations & fitness-for-duty training programs.  
CONSTABLE,G.L. Region 4, Ofc of the Director. 90/01/31. 9pp. 52559:183-52559:191.

9002090008 Forwards Maint Team Insp Rept 50-298/89-31 on 891113-1221 & notice of violation.Concern raised re lack of detail in maint-related administrative & control procedures & work instructions.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/31. TREVORS,G.A. Nebraska Public Power District. 3pp. 52599:229-52599:287.

-9002090009 Notice of violation from insp on 891113-1221.Violation noted:on 891113, valve LV 123W-11 in open position but not sealed & appropriate clearances not used to tag equipment taken out of svc.  
\* Region 4, Ofc of the Director. 90/01/31. 3pp. 52599:232-52599:234.

-9002090010 Maint Team Insp Rept 50-298/89-31 on 891113-1221.Violations noted.Major areas inspected:overall plant performance as affected by maint,mgt support of maint & maint implementation.  
CUMMINS,J.E., GAGLIARDO,J.E. Region 4, Ofc of the Director. 90/01/29. 53pp. 52599:235-52599:287.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220671 Forwards safety evaluation concluding that review of procedures generation package submitted by 840629,0822 & 880331 ltrs to address programmatic improvements necessary. Consideration of Insp Rept 50-298/88-200 results suggested.  
O'CONNOR,P.W. Project Directorate IV. 90/02/14. TREVORS,G.A. Nebraska Public Power District. 3pp. 52696:242-52696:258.

9002230216 Notification of 900228 significant licensee meeting at Region IV to discuss actions taken in response to 1989 SALP rept.  
CONSTABLE,G.L. Region 4, Ofc of the Director. 90/02/14. Region 4, Ofc of the Director. 2pp. 52716:008-52716:009.

9002230490 Responds to NRC 900118 ltr re violations noted in Insp Rept 50-298/89-37.Corrective actions:Plant Svcs Procedure 1.6, "Warehouse Marking & Tagging" will be revised to delete requirement of placing hold tag w/work item file.  
TREVORS,G.A. Nebraska Public Power District. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52705:359-52705:360.

9002230205 Notification of 900228 significant licensee meeting in Region IV ofc to conduct mgt meeting to discuss training program weaknesses noted in Insp Rept 50-298/89-38,dtd 900117.  
CONSTABLE,G.L. Region 4, Ofc of the Director. 90/02/15. Region 4, Ofc of the Director. 2pp. 52716:006-52716:007.

#### R. Periodic operating reports & related correspondence

9002220246 Monthly operating rept for Jan 1990 for Cooper Nuclear Station.W/900209 ltr.  
THOMPSON,J.E., HORN,G.R. Nebraska Public Power District. 90/01/31. 5pp. 52688:352-52688:356.

#### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### DOCKET 50-301 POINT BEACH NUCLEAR PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002080164 Forwards FEMA final exercise evaluation of plant joint offsite emergency preparedness exercise conducted on 890914. Areas requiring corrective actions re offsite emergency plans noted & will remain under approval of 44CFR350.  
GREGER,L.R. Region 3, Ofc of the Director. 90/01/25. FAY,C.W. Wisconsin Electric Power Co. 2pp. 52608:089-52608:195.

9002080221 Advises that scope & objectives for 900314 emergency preparedness exercise,contained in 891215 ltr,acceptable.  
GREGER,L.R. Region 3, Ofc of the Director. 90/01/25. FAY,C.W. Wisconsin Electric Power Co. 1p. 52589:077-52589:077.

9002220103 Forwards Safety Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119.Significant deficiency noted in QA program implementation which contributed to recent failure to take prompt corrective action re design deficiency.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/06. FAY,C.W. Wisconsin Electric Power Co. 2pp. 52674:324-52674:346.

-9002220105 Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Major areas inspected:operational safety,radiological controls,maint & surveillance,emergency preparedness, security & engineering & technical support.  
KNOP,R.C. Region 3, Ofc of the Director. 90/02/06. 21pp. 52674:326-52674:346.

#### P. Operating license stage documents & correspondence

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002090189 Forwards storm water permit application for plant,reflecting util effort to comply w/requirements of Clean Water Act.  
LEE,D.M. Wisconsin Electric Power Co. 90/02/02. Environmental Protection Agency. 4pp. 52626:250-52626:253.

9002160056 Notification of 900220 meeting w/util in Rockville,MD re engineering workload/resources.  
SWENSON,W.H. Project Directorate III-3. 90/02/09. HANNON,J.N. Project Directorate III-3. 3pp. 52689:061-52689:063.

#### Q. Inspection reports, IE Bulletins & correspondence

9002060017 Forwards Safety Insp Repts 50-266/89-33 & 50-301/89-33 on 891107-1222.Violations noted.No written response required until notification of proposed enforcement action issued.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/01/12. FAY,C.W. Wisconsin Electric Power Co. 2pp. 52555:091-52555:102.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002050277 Responds to NRC Bulletin 89-002 re check valve bolting insp. All Anchor-Darling Model S35OW check valves inspected for cracked internal bolting during refueling outage of unit.No indications of cracks found.  
FAY,C.W. Wisconsin Electric Power Co. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52547:315-52547:316.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

## 64 DOCKETED ITEMS

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 9pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220103** Forwards Safety Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Significant deficiency noted in QA program implementation which contributed to recent failure to take prompt corrective action re design deficiency.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/06. FAY,C.W. Wisconsin Electric Power Co. 2pp. 52674:324-52674:346.

**-9002220105** Insp Repts 50-266/89-32 & 50-301/89-32 on 891201-900119. Major areas inspected: operational safety, radiological controls, maint & surveillance, emergency preparedness, security & engineering & technical support.  
KNOP,R.C. Region 3, Ofc of the Director. 90/02/06. 21pp. 52674:326-52674:346.

**9002220244** Forwards Enforcement Conference Repts 50-266/90-03 & 50-301/90-03 on 900116 to discuss violations noted in Insp Repts 50-266/89-33 & 50-301/89-33.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/06. FAY,C.W. Wisconsin Electric Power Co. 2pp. 52674:151-52674:169.

**-9002220250** Enforcement Conference Repts 50-266/90-03 & 50-301/90-03 on 900116. Major areas discussed: design of dc distribution sys, identification of original design deficiency, noncompliance w/ single failure criterion & QA program.  
KNOP,R.C. Region 3, Ofc of the Director. 90/02/02. 17pp. 52674:153-52674:169.

### R. Periodic operating reports & related correspondence

**9002150005** Monthly operating repts for Jan 1990 for Point Beach Nuclear Plant, Units 1 & 2/W/900208 ltr.  
KRAUSE,C.W., FAY,C.W. Wisconsin Electric Power Co. 90/01/31. 9pp. 52656:337-52656:345.

### S. Reportable occurrences, LERs & related correspondence

**9002120044** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1. Westinghouse identified other plants using similar switches & informed licensees of potential resolutions noted in stated encls.  
NOVAK,T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 10pp. 52627:096-52627:105.

### V. Operator Examinations

**9001310085** Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

### DOCKET 50-302 CRYSTAL RIVER NUCLEAR PLANT, UNIT 3

### F. Security, medical, emergency & fire protection plans

**8911200049** Revised EPIPs, including Revs 14 & 11 to AP-380 & EP-290, respectively.  
\* Florida Power Corp. (subs. of Florida Progress Corp.). 89/10/31. 88pp. 52612:004-52612:092.

**9001300342** Reissued Rev 9 to EPIP EM-204(A), "Release & Offsite Dose Assessment During Radiological Emergencies at Crystal River 3 (Initial Assessment Method)."  
STEPHENSON,J.D. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/05. 28pp. 52489:195-52489:222.

**9001300350** Rev 9 to EPIP EM-204(A), "Release & Offsite Dose Assessment During Radiological Emergencies at Crystal River 3 (Initial Assessment Method)."  
STEPHENSON,J.D. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/05. 28pp. 52489:001-52489:028.

**9001300353** Rev 7 to Annunciator Response Procedure AR-504, "ICS L Annunciator Response."  
MARSHALL,W. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/08. 9pp. 52496:004-52496:012.

**9001300296** Rev 11 to Annunciator Response Procedure AR-503, "ICS K Annunciator Response."  
MARSHALL,W. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/13. 11pp. 52496:258-52496:268.

**9001300358** Rev 9 to Annunciator Response Procedure AR-602, "TGF N Annunciator Response."  
MARSHALL,W. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/13. 14pp. 52496:209-52496:222.

**9001300091** Revised procedures, consisting of Rev 3 to AP 360, Rev 13 to AP-580 & Rev 12 to AR 305.  
\* Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/16. 52pp. 52490:114-52490:165.

**9001310001** Forwards Insp Rept 50-302/89-33 on 891211-15. No violations or deviations noted.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/19. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52497:199-52497:212.

**-9001310002** Insp Rept 50-302/89-33 on 891211-15. No violations or deviations noted. Major areas inspected: fire protection & followup of LER fire barrier deficiency & personnel failure to build masonry fire barriers within design requirements.  
HARRIS,J.R., CONLON,T. Region 2, Ofc of the Director. 90/01/12. 11pp. 52497:202-52497:212.

### P. Operating license stage documents & correspondence

**9001300278** Forwards errata to Rev 3 to BAW-1543, Tables 3-20 & E-1 of "Master Integrated Reactor Vessel Surveillance Program" reflecting changes in insertion schedule for A5 capsule for Davis-Besse & Crystal River.  
HOWELL,D.L. Babcock & Wilcox Operating Plants Owners Group. 90/01/10. ELLIOT,B.J. NRC - No Detailed Affiliation Given. 2pp. 52490:321-52490:325.

**-9001300284** Errata to Rev 3 to BAW-1543, "Master Integrated Reactor Vessel Surveillance Program" consisting of revised Tables 3-20 & E-1.  
\* BWR Owners Group. BAW-1543 ERR R03. 90/01/10. 3pp. 52490:323-52490:325.

**9001310272** Responds to NRC request for supplemental info on 891031 Tech Spec Change Request 175 to address significant hazards consideration concerns on expansion of spent fuel pool at plant.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52511:185-52511:187.

**9002050050** Responds to 891117 ltr re adequacy of electrical sys design. Agrees that reasonable assurance exists for present status of plant electrical sys until completion of agreed-upon mods.  
IEHL,C. Assistant Director for Region II Reactors. 90/01/26. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52542:265-52542:267.

**9002060033** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Personnel should use directives, procedures & training lesson plans to manage plant svc water sys & other plant sys.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52560:154-52560:160.

**9002140124** Forwards Amend 125 to License DPR-75 & safety evaluation. Amend replaces cycle-specific parameter limits w/ ref to core operating limits reprinted in Tech Specs.  
SILVER,H. Project Directorate II-2. 90/01/31. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52668:114-52668:158.

**-9002140127** Amend 125 to License DPR-72, replacing cycle-specific parameter limits w/ ref to core operating limits reprinted in plant Tech Specs.  
BERKOW,H.N. Project Directorate II-2. 90/01/31. 38pp. 52668:117-52668:154.

**-9002140129** Safety evaluation supporting Amend 125 to License DPR-72.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 4pp. 52668:155-52668:158.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

**9002060089** Forwards Insp Rept 50-302/89-31 on 891204-08. Violations noted to be discussed at 900201 enforcement conference.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/01/12. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52555:118-52555:127.

**-9002060094** Insp Rept 50-302/89-31 on 891204-08. No violations noted. Major areas inspected: electrical & instrumentation sys, related analyses, event repts & correspondence.  
FILLION,P.J., CONLON,T.E. Region 2, Ofc of the Director. 89/12/28. 7pp. 52555:121-52555:127.

**9001300496** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310001** Forwards Insp Rept 50-302/89-33 on 891211-15. No violations or deviations noted.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/19. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52497:199-52497:212.

**-9001310002** Insp Rept 50-302/89-33 on 891211-15. No violations or deviations noted. Major areas inspected: fire protection & followup of LER fire barrier deficiency & personnel failure to build masonry fire barriers within design requirements.  
HARRIS,J.R., CONLON,T. Region 2, Ofc of the Director. 90/01/12. 11pp. 52497:202-52497:212.

**9002020255** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valve or Valves of Similar Design." Subj valves not used by util.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52540:149-52540:150.

9001310314 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling Procedure FP-203 re refueling & defueling operations revised to address concerns in NRC Info Notice 89-051. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/25. Document Control Branch (Document Control Desk). 4pp. 52498:084-52498:087.

9002080246 Confirms 900201 enforcement conference in Region II ofc to discuss HPI sys flow indication instrumentation issues delineated in Insp Rept 50-302/89-31. EBNETER,S.D. Region 2, Ofc of the Director. 90/01/25. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52593:207-52593:209.

9002090034 Revised notification of 900201 enforcement conference w/util in Region II ofc to discuss HPIS flow indication instrumentation. CRLEN,JAK,R.V. Region 2, Ofc of the Director. 90/01/25. Region 2, Ofc of the Director. 2pp. 52599:336-52599:337.

9002020132 Responds to notice of violation & proposed imposition of civil penalty in amount of \$50,000. Corrective actions: licensee denies both parts of violation re commercial-grade items installed w/o selection or review for suitability. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/26. LIEBERMAN,J. Ofc of Enforcement (Post 870413). 17pp. 52546:258-52546:274.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPIS Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002130178 Forwards Insp Rept 50-302/90-01 on 900108-12. No violations or deviations noted. JULIAN,C.A. Region 2, Ofc of the Director. 90/01/31. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52648:159-52648:165.

-9002130180 Insp Rept 50-302/90-01 on 900108-12. No violations or deviations noted. Major areas inspected: design basis document programs w/emphasis on electrical sys. FILLION,P.J., CONLON,T. Region 2, Ofc of the Director. 90/01/25. 4pp. 52648:162-52648:165.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002160151 Forwards Insp Rept 50-302/89-30 on 891127-1201 & 1211-15 & notice of violation. JULIAN,C.A. Region 2, Ofc of the Director. 90/02/02. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52668:344-52668:358.

-9002160152 Notice of violation from insp on 891127-1201 & 1211-15. Violations noted: inservice testing procedure for reactor bldg spray pump BSP-1A contained limits which allowed pump to operate below FSAR design basis requirements. JULIAN,C.A. Region 2, Ofc of the Director. 90/02/02. 2pp. 52668:347-52668:348.

-9002160153 Insp Rept 50-302/89-30 on 891127-1201 & 1211-15. Violations noted. Major areas inspected: containment local leak rate testing, verification of containment integrity & licensee action on previous insp findings. ZEILER,J., BELISLE,G.A. Region 2, Ofc of the Director. 90/01/30. 10pp. 52668:349-52668:358.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### R. Periodic operating reports & related correspondence

9002220232 Monthly operating rept for Jan 1990 for Crystal River Unit 3.W/900212 ltr. LANE,J.E., BINKOWSKI,J., BOLDT,G. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/31. 5pp. 52671:106-52671:110.

#### S. Reportable occurrences, LERs & related correspondence

9002230046 LER 89-041-00: on 891208, partial, simultaneous withdrawal of two control rod safety groups occurred & safety Group 3 control transferred to auxiliary power supply. Cause undetermined. Select relays replaced. W/900207 ltr. MOFFATT,L.W., BOLDT,G. Florida Power Corp. (subs. of Florida Progress Corp.). 90/01/08. 5pp. 52713:001-52713:005.

9002140219 Special Rept 90-01:891228, waste gas decay tank H & oxygen monitoring channels removed from svc & not returned to operational status within 14 days. Caused by leakage from fittings in tubing. Mod procedure developed. BOLDT,G.L. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52650:269-52650:270.

#### DOCKET 50-304 ZION NUCLEAR POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-EOP-1, "Manager of Emergency Operations." CARSON,R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-EOP-25, "Protective Measures Director." CARSON,R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9001290062 Forwards response to Safeguards Insp Repts 50-295/89-32 & 50-304/89-28. Response withheld (ref 10CFR73.21). KOVACH,T.J. Commonwealth Edison Co. 89/12/21. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52454:123-52454:123.

9001300188 Advises that 891222 Rev 21 to security plan consistent w/provisions of 10CFR50.54(p) & acceptable. GREGER,L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH,T.J. Commonwealth Edison Co. 2pp. 52495:357-52495:358.

9002150046 Corrected Page 11 to EPIP 190-1. \* Commonwealth Edison Co. 90/01/11. 4pp. 52656:185-52656:188.

9001310237 Forwards Safeguards Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 & notice of violation. Statement of corrective action re violation identified in encl should be submitted as separate encl to transmittal ltr. Notice withheld. GREGER,L.R. Region 3, Ofc of the Director. 90/01/24. REED,C. Commonwealth Edison Co. 2pp. 52503:193-52503:195.

-9001310240 Partially withheld Physical Security Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 (ref 10CFR73.21(c)(2)). Violations noted. Major areas inspected: mgt effectiveness, safeguards contingency plan & security program audit. CHRISTOFFER,G. Region 3, Ofc of the Director. 90/01/24. 1p. 52503:195-52503:195.

9002150100 Change Request A-89-452 to EPIP 450-2, "Emergency Operations Facility Particulate Iodine & Noble Gas Monitor." \* Commonwealth Edison Co. 90/02/01. 8pp. 52657:037-52657:044.

9002150105 Permanent Procedure Change Request A-89-707 to EPIP 330-1, "Classification of Generating Station Electric Plant Conditions." MADIGAN,M.P. Commonwealth Edison Co. 90/02/01. 6pp. 52656:049-52656:054.

9002150112 Permanent Change Request A-89-736 to Procedure EPIP 360.1, "Site Evacuation of Nonessential Personnel." W/900201 ltr. \* Commonwealth Edison Co. 90/02/01. 3pp. 52656:198-52656:200.

9002150119 Change Request A-89-708 to EPIP 350-1, "Calculation of Station Noble Gas Release Rate & Release Quantity Using NMC & Westinghouse Noble Gas Monitor & Steam Line Monitor Readings." MADIGAN,M.P., KASSNER,G. Commonwealth Edison Co. 90/02/01. 30pp. 52657:058-52657:087.

9002150127 Change Request A-89-737 to EPIP 360-2, "Assembly & Evacuation of Onsite Personnel." \* Commonwealth Edison Co. 90/02/01. 18pp. 52676:343-52676:360.

9002150130 Change Request A-89-747 to EPIP 320-1, "Activation of Generating Station Emergency Plan Station Group." \* Commonwealth Edison Co. 90/02/01. 13pp. 52676:201-52676:211.

9002150089 Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2W/six oversize maps. \* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

#### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr. SHEMANSKI,P.C. Project Directorate III-2. 89/11/24. KOVACH,T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

9001310182 Requests withdrawal of 860221 proposed Tech Spec amend re operation of containment purge & vent sys. Amend request on subj, including rev of plant confirmatory order, will be submitted in future. CHRZANOWSKI,R. Commonwealth Edison Co. 90/01/22. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52514:020-52514:020.

9001310278 Requests withdrawal of proposed Tech Spec re operation of containment purge & vent sys. Withdrawal requested to permit inclusion of evaluation of confirmatory order in significant hazards consideration. CHRZANOWSKI,R. Commonwealth Edison Co. 90/01/23. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52503:275-52503:275.

9001310418 Recommends that NRC cancel Yellow Ticket 0899213 dtd 890927 re proposed Tech Specs for containment purge & vent sys, based on util 900123 request to withdraw proposed amend request. New licensee proposal forthcoming. CRAIG,J.W. Project Directorate III-2. 90/01/24. PARTLOW,J.G. Associate Director for Projects (Post 870411). 1p. 52514:066-52514:068.

9002010073 Advises that boric acid corrosion prevention program acceptable, per 890530-0601 audit, in response to Generic Ltr 88-05. Trip rept of NRC 890530-0601 visit to facility re boric acid prevention encl. PATEL,C.P. Project Directorate III-2. 90/01/24. KOVACH,T.J. Commonwealth Edison Co. 11pp. 52531:099-52531:109.

9002010089 Advises that 891027 response to Generic Ltr 88-20 re individual plant exam approach, methodology & schedule acceptable. SHEMANSKI,P.C. Project Directorate III-2. 90/01/24. KOVACH,T.J. Commonwealth Edison Co. 5pp. 52539:096-52539:100.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44.45 & 46 & App B, Section XI. RICHTER,M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.



## 66 DOCKETED ITEMS

- 9002230175 Forwards chronology re encl Licciardo 891019 memo to Taylor, consisting of differing prof opinion on plant for placement in PDR & Central Files. SMITH, H. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. LANHAM, D. NRC - No Detailed Affiliation Given. 3pp. 52696:280-52697:347.
- 9002230183 Forwards differing prof opinion re plant containment isolation valves & methodology used for calculating offsite doses. Consideration requested by independent outside qualified sources. LICCIARDO, R.B. Plant Systems Branch. 89/10/19. TAYLOR, J.M. Ofc of the Executive Director for Operations. 5pp. 52697:251-52697:255.
- 8909140138 Comments on plant containment isolation valves, per SAD-89-54 request. KUDRICK, J.A. Plant Systems Branch (870411-890826). 89/08/08. THADANI, A. NRC - No Detailed Affiliation Given. 2pp. 52697:256-52697:311.
- 9002230187 Ack receipt of 891019 submittal on differing prof opinion re plant containment isolation valves & methodology used for calculating offsite doses. Independent qualified review group established. TAYLOR, J.M. Ofc of the Executive Director for Operations. 89/11/08. LICCIARDO, R.B. Plant Systems Branch. 1p. 52697:312-52697:313.
- 9002230190 Forwards final review rept on differing prof opinion re method for projecting offsite thyroid doses, in response to 891019 request. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/02. LICCIARDO, R.B. Plant Systems Branch. 2pp. 52697:314-52697:315.
- 9002230197 Forwards independent rept on differing prof opinion, per 891102 request. Fuel failure extremely unlikely during first 7 s of design basis LOCA, contrary to differing prof opinion. ROSS, D.F., MURPHY, J.A., SOFFER, L. NRC - No Detailed Affiliation Given. 89/11/30. Ofc of the Executive Director for Operations. 30pp. 52697:316-52697:345.
- 9002230198 Requests that NRR undertake reexam of stated design question & policy issue in response to 891019 request for review of differing prof opinion on plant purge sys valves. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/08. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52697:346-52697:347.
- 9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002070300 Notification of 900207 meeting w/util in Rockville, MD to discuss licensing activities re plant. PATEL, C.P. Project Directorate III-2. 90/02/02. CRAIG, J.W. Project Directorate III-2. 2pp. 52604:209-52604:211.
- 9002140005 Forwards SER supporting util responses to Generic Ltr 83-28, Item 2.2.1 re program for classifying all safety-related components other than reactor trip sys components. PATEL, C.P. Project Directorate III-2. 90/02/06. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52653:266-52653:287.
- 9002140008 SER supporting util responses to Generic Ltr 83-28, Item 2.2.1 re equipment classification program for all safety-related components. \* NRC - No Detailed Affiliation Given. 90/02/06. 2pp. 52653:269-52653:271.
- 9001050122 "Conformance to Generic Ltr 83-28, Item 2.2.1-Equipment Classification for All Other Safety-Related Components: Zion -1/-2," technical evaluation rept. UDY, A.C. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN D-6001. EGG-NTA-7423. 89/12/31. NRC - No Detailed Affiliation Given. 17pp. 52653:272-52653:287.
- 9002160183 Forwards request for addl info re degraded tube R1C55 in steam generator A to ensure that tube, plugged due to circumferential crack, will not cause damage to adjacent tubes. Info requested within 30 days of ltr date. PATEL, C.P. Project Directorate III-2. 90/02/12. KOVACH, T.J. Commonwealth Edison Co. 5pp. 52658:154-52658:158.
- 9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.
- 9002230493 Notification of 900306 meeting w/util in Rockville, MD to discuss issues re reactor vessel integrity for facilities. PATEL, C.P. Project Directorate III-2. 90/02/20. SHEMANSKI, P. Project Directorate III-2. 3pp. 52709:259-52709:261.
- Q. Inspection reports, IE Bulletins & correspondence**
- 9001290062 Forwards response to Safeguards Insp Repts 50-295/89-32 & 50-304/89-28. Response withheld (ref 10CFR73.21). KOVACH, T.J. Commonwealth Edison Co. 89/12/21. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52454:123-52454:123.
- 9002070019 Responds to NRC 891115 ltr re violations noted in Insp Repts 50-295/89-30 & 50-304/89-30. Corrective action: work instructions for craft would be improved & addl engineering involvement would be provided. KOVACH, T.J. Commonwealth Edison Co. 89/12/27. DAVIS, A.B. Region 3, Ofc of the Director. 16pp. 52592:348-52593:003.
- 9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001290140 Provides results of Unit 1 breaker insp & advises that remaining DS breakers, consisting of 28 DS-206 breakers also inspected during Fall 1989 refueling outage & pole shafts replaced on breakers not meeting weld criteria. RICHTER, M.H. Commonwealth Edison Co. 90/01/22. DAVIS, A.B. Region 3, Ofc of the Director. 3pp. 52467:359-52467:361.
- 9001290194 Provides results of Unit 1 latching-type relays & informs that Electrical Maint Procedure E005-2 revised to ensure that all future relays will be inspected for proper latch engagement prior to installation. RICHTER, M.H. Commonwealth Edison Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52467:350-52467:351.
- 9001310237 Forwards Safeguards Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 & notice of violation. Statement of corrective action re violation identified in encl should be submitted as separate encl to transmittal ltr. Notice withheld. GREGOR, L.R. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 2pp. 52503:193-52503:195.
- 9001310240 Partially withheld Physical Security Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 (ref 10CFR73.21(c)(2)). Violations noted. Major areas inspected: mgt effectiveness, safeguards contingency plan & security program audit. CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director. 90/01/24. 1p. 52503:195-52503:195.
- 9002010166 Forwards Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Topics discussed included apparent violations noted in Insp Repts 50-295/89-40 & 50-304/89-36. MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 2pp. 52512:233-52512:241.
- 9002010171 Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Major areas discussed: programmatic deficiencies re control & tracking of individual licensed operator requirements per 10CFR55.53. LEMNART, J., SHEMBARGER, K., WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/22. 7pp. 52512:235-52512:241.
- 9002060073 Proposes to inspect at least eight valves per unit per refueling outage in response to NRC Bulletin 89-002 re Anchor Darling swing check valves. Addl outage may be needed depending on plant condition. RICHTER, M.H. Commonwealth Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52556:221-52556:225.
- 9002070049 EN-90-010: on 900131, notice of violation & proposed imposition of civil penalty in amount of \$100,000 will be issued. Action based on failure to properly consider role of emergency diesel generator ventilation support sys. TROSKOSKI, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/01/26. 1p. 52598:223-52598:223.
- 9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002060230 Forwards response to NRC Bulletin 89-003. Util nuclear fuels dept designs or reviews & approves each core reload for plants & refueling operations recently reviewed to ensure appropriate procedural controls in place. RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52569:246-52569:250.
- 9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250620 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9002090104 Discusses Safety Insp Repts 50-295/89-36 & 50-304/89-32 on 891018-1106, forwards notice of violation & proposed imposition of civil penalty & requests response discussing actions taken to assure concerns properly prioritized. DAVIS, A.B. Region 3, Ofc of the Director. 90/01/31. REED, C. Commonwealth Edison Co. 4pp. 52615:058-52615:070.
- 9002090107 Notice of violation & proposed imposition of civil penalty in amount of \$100,000. Noncompliance noted: diesel generator room ventilation fan control switches placed in pull-to-lock position. DAVIS, A.B. Region 3, Ofc of the Director. 90/01/31. 3pp. 52615:062-52615:070.
- 9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- 9002220697 Forwards Safety Insp Repts 50-295/89-39 & 50-304/89-35 on 891201-900115. No violations noted. Major areas inspected: licensee action on previous insp findings, Info Notice 89-051 & Generic Ltr 87-06 & summary of operations. SHAFER, W.D. Region 3, Ofc of the Director. 90/02/07. REED, C. Commonwealth Edison Co. 2pp. 52683:308-52683:326.
- 9002220701 Insp Repts 50-295/89-39 & 50-304/89-35 on 891201-900115. No violations noted. Major areas inspected: licensee action on previous insp findings, Info Notice 89-051 & Generic Ltr 87-06 & summary of operations. CLAYTON, B. Region 3, Ofc of the Director. 90/02/07. 17pp. 52683:310-52683:326.



9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52596:209.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### R. Periodic operating reports & related correspondence

9002150001 Monthly operating repts for Jan 1990 for Zion Generating Station, Units 1 & 2. W/900209 ltr. THOMAS, J., JOYCE, T.P. Commonwealth Edison Co. 90/01/31. 12pp. 52675:145-52675:156.

#### S. Reportable occurrences, LERs & related correspondence

9002060399 Forwards Technical Review Rept AEOD/T925, "Evaluation of Safety Equipment Outages for Significance at Zion," for operating situation that occurred at plant during Nov 1989, for info. Techniques from NRC Accident Sequence Program used. NOVAK, T.M. Division of Safety Programs (Post 870413). 90/01/31. JOYCE, T.P. Commonwealth Edison Co. 2pp. 52569:009-52569:016.

9002230335 LER 90-001-00: on 900118, condenser vacuum excursion experienced, causing turbine control sys to oscillate governor valves 2 & 3 over 5% range. Caused by procedure deficiency. Procedure re tube leak rewritten. W/900220 ltr. ABBOD, R.G., JOYCE, T.P. Commonwealth Edison Co. 90/02/20. 5pp. 52713:061-52713:065.

#### V. Operator Examinations

9001310085 Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam. WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

9001290177 Provides schedule for certification exam. Completion of listed tasks will be documented in qualification journal on appropriate signature cards. BURDICK, T. Region 3, Ofc of the Director. 90/01/17. WALKER, J. Region 3, Ofc of the Director. 1p. 52468:111-52468:111.

9002010166 Forwards Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Topics discussed included apparent violations noted in insp Repts 50-295/89-40 & 50-304/89-36. MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 2pp. 52512:233-52512:241.

—9002010171 Enforcement Conference Repts 50-295/90-02 & 50-304/90-02 on 900112. Major areas discussed: programmatic deficiencies re control & tracking of individual licensed operator requirements per 10CFR55.53. LEMNARTZ, J. Region 3, Ofc of the Director. 90/01/22. 7pp. 52512:235-52512:241.

#### DOCKET 50-305 KEWAUNEE NUCLEAR POWER PLANT

#### F. Security, medical, emergency & fire protection plans

9002050419 Requests any info re data points to be transmitted or required hardware for emergency response data sys, per Generic Ltr 89-15. Info required to develop cost estimates & proposed schedule for implementing data sys. EVERS, K.H. Wisconsin Public Service Corp. 90/01/23. Document Control Branch (Document Control Desk). 1p. 52542:347-52542:347.

9002010223 Forwards package that provides full description of emergency response data sys communication requirements, per util 900122 telcon request. Addl data to allow data processing personnel to evaluate sys implementation requirements also encl. JOLICOEUR, J.R. Incident Response Branch. 90/01/25. SUTTON, L. Wisconsin Public Service Corp. 36pp. 52522:191-52522:226.

#### J. Insurance & indemnity information

9001290103 Forwards Endorsement 91 to NELIA Policy NF-204, Endorsement 75 to MAELU Policy MF-71, Endorsements 5 to NELIA Certificate NW-111 & MAELU Certificate MW-44 & Endorsements 14 to NELIA Certificate N-44 & MAELU Certificate M-44. EVERS, K.H. Wisconsin Public Service Corp. 90/01/18. Document Control Branch (Document Control Desk). 8pp. 52454:133-52454:140.

#### P. Operating license stage documents & correspondence

9002020221 Forwards safety evaluation concluding that present pressure/ temp limits for RCS for heatup, cooldown, leak test & criticality, per Generic Ltr 88-11 acceptable. Licensee will ref Reg Guide 1.99, Rev 2 re reactor vessel beltline matls. DAVIS, M.J. Project Directorate III-3. 90/01/25. EVERS, K.H. Wisconsin Public Service Corp. 2pp. 52524:120-52524:125.

—9002020224 Safety evaluation concluding that present pressure/ temp limits for RCS for heatup, cooldown, leak test & criticality acceptable, per Generic Ltr 88-11. Util will use Reg Guide 1.99, Rev 2 to calculate ref temps for beltline matls. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/25. 4pp. 52524:122-52524:125.

9002060045 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util increased attention resulted in scheduling of safety sys functional insp of svc water sys for early 1990. STEINHARDT, C.R. Wisconsin Public Service Corp. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52558:037-52558:045.

9002080109 Application for Proposed Amend 92 to Licerise DPR-43, decreasing refueling shutdown margin from plus or minus 10% delta k/k to plus or minus 5% delta k/k in response to NRC Bulletin 89-003. STEINHARDT, C.R. Wisconsin Public Service Corp. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52594:135-52594:149.

—9002080110 Proposed Tech Specs re reactivity, coolant temp & fission power during operating modes & min shutdown margin. \* Wisconsin Public Service Corp. 90/01/29. 6pp. 52594:144-52594:149.

9002120312 Responds to Generic Ltr 88-17, "Loss of DHR." Commitment being amended to require designated supervisor in lieu of engineer to allow flexibility in responsibility. Due to large number of comments util unable to meet implementation date. EVERS, K.H. Wisconsin Public Service Corp. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52606:041-52606:042.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002080214 Advises that Revs AE & AH to P&ID Drawings M-219 & M-804, respectfully, sent to Region III, per 800320 request. EVERS, K.H. Wisconsin Public Service Corp. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52589:050-52589:050.

9002130248 Provides listing of recommended guidelines for control of heavy loads, per NUREG-0612. Util should provide sufficient training, handling sys design, load handling instructions & equipment insp to assure reliable operation sys. HANNON, J.N. Project Directorate III-3. 90/02/06. EVERS, K.H. Wisconsin Public Service Corp. 3pp. 52634:330-52634:332.

9002220592 Requests listed info re request to utilize alternate methods for low level radioactive matl disposal. DAVIS, M.J. Project Directorate III-3. 90/02/13. EVERS, K.H. Wisconsin Public Service Corp. 3pp. 52683:134-52683:136.

9002220326 Accepts 900129 first response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." DAVIS, M.J. Project Directorate III-3. 90/02/14. EVERS, K.H. Wisconsin Public Service Corp. 3pp. 52686:033-52686:035.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002010364 Submits interim response to NRC Bulletin 89-002 re swing check valves containing Type 410 stainless steel bolting matl. Evaluation identified 35 safety-related check valves w/ at least one Type 410 stainless steel component. STEINHARDT, C.R. Wisconsin Public Service Corp. 90/01/19. Document Control Branch (Document Control Desk). 3pp. 52521:317-52521:319.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002060045 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util increased attention resulted in scheduling of safety sys functional insp of svc water sys for early 1990. STEINHARDT, C.R. Wisconsin Public Service Corp. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52558:037-52558:045.

9002080109 Application for Proposed Amend 92 to License DPR-43, decreasing refueling shutdown margin from plus or minus 10% delta k/k to plus or minus 5% delta k/k in response to NRC Bulletin 89-003. STEINHARDT, C.R. Wisconsin Public Service Corp. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52594:135-52594:149.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSP Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9002080017 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedure & reactor engineering refueling log reviewed to identify probable intermediate fuel configurations. STEINHARDT, C.R. Wisconsin Public Service Corp. 90/01/31. Document Control Branch (Document Control Desk). 5pp. 52594:270-52594:274.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52558:238-52558:317.

## 68 DOCKETED ITEMS

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220212** Advises that until 900131 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown During Refueling" satisfactory based on performance of three listed actions.  
DAVIS,M.J. Project Directorate III-3. 90/02/14. EVERS,K.H. Wisconsin Public Service Corp. 3pp. 52696:064-52696:066.

### R. Periodic operating reports & related correspondence

**9002140274** Monthly operating rept for Jan 1990 for Kewaunee Nuclear Power Plant.W/ 900209 ltr.  
RUTER,G.H., EVERS,K.H. Wisconsin Public Service Corp. 90/01/31. 5pp. 52653:182-52653:186.

### S. Reportable occurrences, LERs & related correspondence

**9001310373** LER 89-016-00:on 891227,plant experienced turbine/reactor trip due to both turbine stop valves closing coincident w/plant power level greater than 10%.Caused by decrease in fluid header pressure.Plant stabilized.W/900126 ltr.  
BERGMANN,J.W., EVERS,K.H. Washington Public Power Supply System. 90/01/26. 7pp. 52521:043-52521:049.

**9002150013** LER 90-001-00:on 900108,fire barrier door discovered unlatched during routine insp of auxiliary bldg.Caused by failure of personnel to recognize fire door must be latched to be operable.Hourly fire watch established.W/900207 ltr.  
WEBB,T.J., EVERS,K.H. Washington Public Power Supply System. 90/02/07. 4pp. 52654:154-52654:157.

## DOCKET 50-306 PRAIRIE ISLAND NUCLEAR STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

**9002160054** Advises that NRC received encl FEMA 891004 ltr & associated FEMA Region V rept for 881019 radiological emergency drill. No deficiencies noted.Item of lesser significance corrected.  
GREGER,L.R. Region 3. Ofc of the Director. 90/01/10. LARSON,C.E. Northern States Power Co. 2pp. 52679:085-52679:095.

**9002130260** Ack receipt of 891106 response to Generic Ltr 89-07, "Power Reactor Safeguard Contingency Planning for Surface Vehicle Bombs."  
DIANNI,D.C. Project Directorate III-1. 90/02/06. PARKER,T.M. Northern States Power Co. 3pp. 52644:327-52644:329.

**9002220001** Forwards safety evaluation,concluding that until procedures generation package needs to be reviewed to address programmatic improvements which will enhance ability to maintain high quality emergency operating procedures.  
DIANNI,D.C. Project Directorate III-1. 90/02/14. PARKER,T.M. Northern States Power Co. 3pp. 52695:305-52695:322.

**-9002220002** Safety evaluation concluding that procedure generation package needs to be reviewed to address programmatic improvements which will enhance ability to develop & maintain high quality emergency operating procedures.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 15pp. 52695:308-52695:322.

### P. Operating license stage documents & correspondence

**9002060101** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Procedure will be developed to periodically inspect emergency intake crib located in river.  
PARKER,T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 52558:028-52558:036.

**9002060385** Forwards SER supporting until 890929 & 1215 submittals of proposed qualification program dealing w/procurement & installation of two emergency diesel generators.  
DIANNI,D. Project Directorate III-1. 90/01/31. PARKER,T.M. Northern States Power Co. 3pp. 52555:306-52555:314.

**-9002060388** SER supporting until 890929 & 1215 submittals of proposed qualification program dealing w/procurement & installation of two emergency diesel generators.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 6pp. 52555:309-52555:314.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090143** Documents verification of close out of Multi-Plant Action G-01, "Reactor Coolant Pump Trip," for plants,per 891219 memo.  
THOMA,J.O. Project Directorate III-1. 90/02/01. STOLZ,J. Project Directorate I-4. 1p. 52615:075-52615:075.

**9002150264** Discusses liability & funding requirements re NRC decommissioning funding rules & verifies understanding of rules.Ltr from NRC explaining liability & requirements of rule requested.  
LAWRENCE,D.A. Northern States Power Co. 90/02/06. WOOD,R. NRC - No Detailed Affiliation Given. 1p. 52668:237-52668:237.

**9002220001** Forwards safety evaluation,concluding that until procedures generation package needs to be reviewed to address programmatic improvements which will enhance ability to maintain high quality emergency operating procedures.  
DIANNI,D.C. Project Directorate III-1. 90/02/14. PARKER,T.M. Northern States Power Co. 3pp. 52695:305-52695:322.

**-9002220002** Safety evaluation concluding that procedure generation package needs to be reviewed to address programmatic improvements which will enhance ability to develop & maintain high quality emergency operating procedures.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 15pp. 52695:308-52695:322.

### Q. Inspection reports, IE Bulletins & correspondence

**9002220676** Forwards fee in amount of \$25,000,in response to 891019 notice of violation & civil penalty re commercial grade procurement,per Insp Repts 50-282/88-201 & 50-306/88-201. Responses to violations also encl.  
LARSON,C.E. Northern States Power Co. 89/11/20. Ofc of Enforcement (Post 870413). 9pp. 52683:334-52683:342.

**9002060178** Suppls response to violations noted in Insp Repts 50-282/89-14 & 50-306/89-15 re containment airlock local leak rate testing.Corrective actions:changes to local leak rate testing procedures approved on 891229.  
LARSON,C.E. Northern States Power Co. 90/01/03. WRIGHT,G.C. Region 3, Ofc of the Director. 2pp. 52569:074-52569:075.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 9pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060076** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling boron concentration will be calculated w/provisions for one shuffle alteration.  
PARKER,T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 8pp. 52556:226-52556:233.

**9002060101** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Procedure will be developed to periodically inspect emergency intake crib located in river.  
PARKER,T.M. Northern States Power Co. 90/01/29. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 52558:028-52558:036.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### R. Periodic operating reports & related correspondence

**9002150002** Monthly operating repts for Jan 1990 for Prairie Island Nuclear Generating Plant,Units 1 & 2.W/900206 ltr.  
DUGSTAD,D., PARKER,T.M. Northern States Power Co. 90/01/31. 9pp. 52656:328-52656:336.

### S. Reportable occurrences, LERs & related correspondence

**9001310075** LER 89-004-00:on 891221,unit tripped & reactor coolant pumps lost power.Caused by faulty voltage regulation of one CRD mechanism motor-generator set.Regulator for set replaced & tested.On 891226,identical trip occurred.W/900122 ltr.  
HUNSTAD,A.A., PARKER,T.M. Northern States Power Co. 90/01/22. 10pp. 52502:142-52502:151.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### Y. Dry Cask Independent Spent Fuel Storage Installations

**9001300463** Summary of 900116 meeting w/util in Rockville,MD re util 10CFR72 license application to store spent fuel at plant. List of attendees,agenda & util presentation encl.  
ROBERTS,J.P. Fuel Cycle Safety Branch. 90/01/26. SJOBLUM,G.L. Fuel Cycle Safety Branch. 20pp. 52494:252-52494:271.

**DOCKET 50-309 MAINE YANKEE ATOMIC POWER PLANT****F. Security, medical, emergency & fire protection plans**

**9002010322** Forwards Insp Rept 50-309/89-22 on 891101-1211. Unresolved item noted. Plant operators observed to exhibit good control during power maneuvers. JOHNSON, J.R. Region 1, Ofc of the Director. 90/01/20. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52522:059-52522:069.

—**9002010325** Insp Rept 50-309/89-22 on 891101-1211. One unresolved item noted. Major areas inspected: licensee event followup, operational safety verification, maint, surveillance, physical security, radiation protection & fire protection. MCCABE, E.C. Region 1, Ofc of the Director. 90/01/20. 9pp. 52522:061-52522:069.

**9002020188** Revised EIPs, consisting of Rev 14 to 2.50.2, Rev 16 to 2.50.3, Rev 17 to 2.50.4, Rev 8 to 2.50.5, Rev 7 to 2.50.8, Rev 10 to 2.50.9 & Rev 14 to 2.50.19. BOULETTE, E.T. Maine Yankee Atomic Power Co. 90/01/25. 109pp. 52529:200-52529:308.

**9002220319** Revised EIPs, consisting of Rev 3 to Procedure 2.50.13 re emergency operations facility procedure, Rev 18 to Procedure 2.50.17 re emergency notification & Rev 4 to Procedure 2.50.22 re alternate emergency operations. WHITTIER, G.D., BOULETTE, B.T. Maine Yankee Atomic Power Co. 90/01/25. 69pp. 52674:170-52674:238.

**9002090024** Forwards Mgt Meeting Rept 50-309/89-24 on 900109 to discuss Special Physical Security Insp 50-309/89-24. KNAPP, M.R. Region 1, Ofc of the Director. 90/01/31. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52599:090-52599:133.

—**9002090029** Mgt Meeting Rept 50-309/89-24 on 900109. Major areas discussed: findings of Special Insp 50-309/89-24 conducted to review loss of control of emergency spare security vital area keys & motor-operated disconnect switching error. OLSEN, W.T., KEIMIG, R.R. Region 1, Ofc of the Director. 90/01/30. 42pp. 52599:092-52599:133.

**P. Operating license stage documents & correspondence**

**9001300071** Informs that State of ME has no objections to Proposed Tech Spec Change 152 re operating parameters for Cycle 12. DOSTIE, P.J. Maine, State of. 90/01/22. Document Control Branch (Document Control Desk). 1p. 52490:058-52490:058.

**9002070228** Advises that 891215 Rev 5 to QA program consistent w/ provisions of 10CFR50.54 & acceptable. DURR, J.P. Region 1, Ofc of the Director. 90/01/26. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52587:222-52587:224.

**9002080237** Forwards schedule for implementation of Generic Ltr 89-13 recommended actions re svc water sys problems affecting safety-related equipment. Util uses thermal backwash mussel control procedure to treat svc water sys. GARRITY, J.H. Maine Yankee Atomic Power Co. 90/01/29. RUSSELL, W.T. Region 1, Ofc of the Director. 10pp. 52589:066-52589:075.

**9002080131** Forwards SER concluding that diverse scram sys, diverse auxiliary feedwater actuation sys & diverse initiation of turbine trip designs, per ATWS rule (10CFR50.62), acceptable. LEEDS, E.J. Project Directorate I-3. 90/01/31. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 3pp. 52594:156-52594:174.

—**9002080134** SER concluding that auxiliary feedwater actuation circuit design conforms to requirements of 10CFR50.62 (ATWS rule) & acceptable, subj to review & acceptance of common mode failure analysis. \* Project Directorate I-3. 90/01/31. 16pp. 52594:159-52594:174.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002130022** Forwards response to Generic Ltr 89-10, "Motor-Operated Valve Testing & Surveillance," per NRC Bulletin 85-003. Util plans to expand on already acceptable motor-operated valve program to incorporate addl measures of generic ltr. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 90/02/01. Document Control Branch (Document Control Desk). 10pp. 52646:257-52646:266.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300172** Responds to NRC 891214 ltr re violations noted in Insp Rept 50-309/89-18. Corrective actions: gland follower nut replaced to restore valve to original condition & all work w/o use of safety tags suspended. WHITTIER, G.D. Maine Yankee Atomic Power Co. 90/01/15. RUSSELL, W.T. Region 1, Ofc of the Director. 5pp. 52489:137-52489:141.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010322** Forwards Insp Rept 50-309/89-22 on 891101-1211. Unresolved item noted. Plant operators observed to exhibit good control during power maneuvers. JOHNSON, J.R. Region 1, Ofc of the Director. 90/01/20. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52522:059-52522:069.

—**9002010325** Insp Rept 50-309/89-22 on 891101-1211. One unresolved item noted. Major areas inspected: licensee event followup, operational safety verification, maint, surveillance, physical security, radiation protection & fire protection. MCCABE, E.C. Region 1, Ofc of the Director. 90/01/20. 9pp. 52522:061-52522:069.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002080229** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Training scheduled for staff responsible for supervising refueling operations prior to next core refueling. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52594:103-52594:104.

**9002090024** Forwards Mgt Meeting Rept 50-309/89-24 on 900109 to discuss Special Physical Security Insp 50-309/89-24. KNAPP, M.R. Region 1, Ofc of the Director. 90/01/31. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52599:090-52599:133.

—**9002090029** Mgt Meeting Rept 50-309/89-24 on 900109. Major areas discussed: findings of Special Insp 50-309/89-24 conducted to review loss of control of emergency spare security vital area keys & motor-operated disconnect switching error. OLSEN, W.T., KEIMIG, R.R. Region 1, Ofc of the Director. 90/01/30. 42pp. 52599:092-52599:133.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130022** Forwards response to Generic Ltr 89-10, "Motor-Operated Valve Testing & Surveillance," per NRC Bulletin 85-003. Util plans to expand on already acceptable motor-operated valve program to incorporate addl measures of generic ltr. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 90/02/01. Document Control Branch (Document Control Desk). 10pp. 52646:257-52646:266.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**R. Periodic operating reports & related correspondence**

**9002230464** Monthly statistical rept for Jan 1990 for Maine Yankee Atomic Power Station W/900212 ltr. HALL, S.L., NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/01/31. 12pp. 52702:001-52702:012.

**S. Reportable occurrences, LERs & related correspondence**

**9001310185** LER 89-006-00: on 891221, design deficiency that would limit operating time of emergency battery 2 to less than FSAR value discovered. Caused by original plant design. Inverter 5 tagged out of svc. W/900122 ltr. MCALLISTER, S., WHITTIER, G.D. Maine Yankee Atomic Power Co. 90/01/22. 4pp. 52521:022-52521:025.

**V. Operator Examinations**

**9002140182** Forwards revised NRC Forms 398 & 396 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 8pp. 52655:285-52655:292.

**9002140068** Advises that generic fundamentals exam section of operator licensing exam will conform to listed guidelines & will be included in next rev to NUREG-1021, per Generic Ltr 89-17 & pilot test participant feedback. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 8pp. 52650:352-52650:359.

**DOCKET 50-311 SALEM NUCLEAR GENERATING STATION, UNIT 2****F. Security, medical, emergency & fire protection plans**

**9001300230** Forwards response to NRC 891220 ltr re violations noted in plant Insp. Response withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52471:187-52471:188.

**9002010253** Responds to concerns noted in procedures generation package safety evaluation. Review of emergency operating procedures unnecessary at present time. Concerns not previously addressed will be completed by 900630. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52531:258-52531:259.

## 70 DOCKETED ITEMS

**9002060297** Forwards Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121-1231.No violations noted.  
SWETLAND,P.D. Region 1, Ofc of the Director. 90/01/26. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52555:281-52555:296.

**-9002060300** Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121- 1231.No violations noted.Major areas inspected:operations, radiological controls,surveillance testing,maint.emergency preparedness,security & engineering/technical support.  
KENNY,T.J. Region 1, Ofc of the Director. 90/01/26. 14pp. 52555:283-52555:296.

**9002160160** Forwards Safety Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12.No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/07. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52668:297-52668:306.

**-9002160162** Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12.No violations noted.Major areas inspected:status of previously identified App R issues,including use of manual carbon dioxide sys in ac switchgear room.  
PAOLINO,R.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52668:299-52668:306.

**9002220021** Forwards Revs 1 to security plan & security training & qualification plan & Rev 2 to security contingency plan. Salem switchyard project delayed.Revs withheld (ref 10CFR73.21).  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52667:019-52667:020.

### H. General correspondence

**9002160203** Requests that listed individuals be deleted from svc list for facilities.Documents already sent to Dept of Environ Protection of State of NJ.  
ENGEL,R.F. New Jersey, State of. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52670:085-52670:086.

### P. Operating license stage documents & correspondence

**9002010102** Approves until 900111 request for extension until 900215 to complete procedure revs associated w/full-stroke tests of PORVs,per Generic Ltr 89-04 re inservice test program.  
STONE,J.C. Project Directorate I-2. 90/01/19. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52532:031-52532:032.

**9002050297** Advises of util plans to defer implementation of listed mods committed to in 890727 response to Generic Ltr 88-17.  
CRIMMINS,T.M. Public Service Electric & Gas Co. of New Jersey. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52542:339-52542:342.

**9002020314** Advises that fee not required re 891227 application for approval of use of ASME Section XI Code Case N-460.Fee will be retained by NRC & credited when invoice issued for review.  
WEISS,D. License Fee & Debt Collection Branch (Post 890827). 90/01/25. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 1p. 52539:213-52539:213.

**9002090115** Forwards response to 891117 request for addl info re containment monitor channels.Channels capable of withstanding containment design loading conditions & acting as pressure boundary.Design specs encl.  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 50pp. 52607:133-52607:228.

**-9002090193** Rev 1 to Procedure TCP-2L, "Nuclear Vessels Containment Liners."  
\* Public Service Electric & Gas Co. of New Jersey. 69/07/07. 4pp. 52607:196-52607:199.

**-9002090194** Rev 0 to Procedure TCP-4L, "Containment Bldg Liner."  
\* Public Service Electric & Gas Co. of New Jersey. 69/04/19. 29pp. 52607:200-52607:228.

**9002130058** Forwards response to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." Aggressive program of monitoring,insp & matl replacement initiated in advance of Generic Ltr 89-13 issuance.  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 19pp. 52645:311-52645:329.

**9002070189** Forwards Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively & safety evaluation.Amends update pressure-temp limits to 15 EPFY for Unit 1 & to 10 EPFY for Unit 2 based on results of analysis of surveillance capsules.Limits will be included in next updated FSAR rev.  
STONE,J.C. Project Directorate I-2. 90/01/29. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52592:097-52592:138.

**-9002070191** Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively, updating pressure-temp limits for Unit 1 to 15 EPFY & to 10 EPFY for Unit 2,based on results of analysis of surveillance capsules.Limits will be included in next updated FSAR rev.  
BUTLER,W.R. Project Directorate I-2. 90/01/29. 34pp. 52592:100-52592:133.

**-9002070192** Safety evaluation supporting Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/29. 5pp. 52592:134-52592:138.

**9002060383** Forwards Amends 109 & 87 to Licenses DPR-70 & DPR-75, respectively & safety evaluation.Amends change min flow requirements for RHR sys from 3,000 gpm to 1,000 gpm.  
STONE,J.C. Project Directorate I-2. 90/01/30. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52559:156-52559:175.

**-9002060386** Amends 109 & 87 to Licenses DPR-70 & DPR-75, respectively, changing min flow requirements for RHR sys from 3,000 gpm to 1,000 gpm.  
BUTLER,W.R. Project Directorate I-2. 90/01/30. 14pp. 52559:158-52559:172.

**-9002060391** Safety evaluation supporting Amends 109 & 87 to Licenses DPR-70 & DPR-75, respectively,changing min flow requirements for RHR sys from 3,000 gpm to 1,000 gpm.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 3pp. 52559:173-52559:175.

**9002070127** Forwards Amend 88 to License DPR-75 & safety evaluation. Amend clarifies Tech Spec acceptance criteria for inplace testing of charcoal adsorbers & HEPA filter banks for ventilation sys.  
STONE,J.C. Project Directorate I-2. 90/01/30. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52593:060-52593:073.

**-9002070129** Amend 88 to License DPR-75,clarifying acceptance criteria for inplace testing of charcoal adsorbers & HEPA filter banks for ventilation sys in Tech Specs.  
BUTLER,W.R. Project Directorate I-2. 90/01/30. 9pp. 52593:063-52593:071.

**-9002070131** Safety evaluation supporting Amend 88 to License DPR-75.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 2pp. 52593:072-52593:073.

**9002090016** Forwards corrected Tech Spec pages to 891114 Rev 3 of request for license amend.License change would allow individual option of holding or having held senior reactor operator license as condition to be operations manager.  
PRESTON,B.A. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52607:312-52607:317.

**-9002090018** Corrected pages to 891114 Tech Specs re administrative controls.  
\* Public Service Electric & Gas Co. of New Jersey. 90/01/31. 4pp. 52607:314-52607:317.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300230** Forwards response to NRC 891220 ltr re violations noted in plant insps.Response withheld (ref 10CFR73.21).  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52471:187-52471:188.

**9001310521** Forwards response to request for addl info re NRC Bulletin 88-002, "Rapid Propagating Cracks in Steam Generator Tubes."  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 8pp. 52498:121-52498:128.

**9002060324** Forwards Safety Insp Repts 50-272/89-28 & 50-311/89-25 on 891211-13.No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/01/25. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52560:040-52560:045.

**-9002060329** Insp Repts 50-272/89-28 & 50-311/89-25 on 891211-13.No violations noted.Major areas inspected:condition of facility storage tanks to find out what insp & maint activities conducted by licensee,LERs re tanks & corrective actions.  
MCBREARTY,R.A., STROSNIDER,J.R. Region 1, Ofc of the Director. 90/01/09. 4pp. 52560:042-52560:045.

**9002130052** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Guidelines incorporated into refueling package & into training of refueling personnel.  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/01/25. Document Control Branch (Document Control Desk). 6pp. 52645:335-52645:340.

**9002060297** Forwards Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121-1231.No violations noted.  
SWETLAND,P.D. Region 1, Ofc of the Director. 90/01/26. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52555:281-52555:296.

**-9002060300** Safety Insp Repts 50-272/89-26 & 50-311/89-24 on 891121- 1231.No violations noted.Major areas inspected:operations, radiological controls,surveillance testing,maint.emergency preparedness,security & engineering/technical support.  
KENNY,T.J. Region 1, Ofc of the Director. 90/01/26. 14pp. 52555:283-52555:296.

**9002130058** Forwards response to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." Aggressive program of monitoring,insp & matl replacement initiated in advance of Generic Ltr 89-13 issuance.  
LABRUNA,S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 19pp. 52645:311-52645:329.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.



**9002130096** Forwards Radiological Controls Insp Repts 50-272/90-02 & 50-311/90-02 on 900108-12.No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/01. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52646:029-52646:037.

**-9002130098** Radiological Controls Insp Repts 50-272/90-02 & 50-311/90-02 on 900108-12.No violations noted.Major areas inspected: organization & staffing,licensee actions on previous findings,ALARA & outage planning.  
NIMITZ,R.L., PASCIAK,W. Region 1, Ofc of the Director. 90/01/22. 7pp. 52646:031-52646:037.

**9002150241** Advises that NRC intends to perform team insp of maint program on 900409-13 & 0423-27 & requests that util furnish ref matl in order for NRC to prepare for insp & maximize onsite time spent in observation of maint in progress.  
GALLO,R.M. Region 1, Ofc of the Director. 90/02/01. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 14pp. 52675:101-52675:115.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160160** Forwards Safety Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12.No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/07. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52668:297-52668:306.

**-9002160162** Insp Repts 50-272/90-01 & 50-311/90-01 on 900108-12.No violations noted.Major areas inspected:status of previously identified App R issues,including use of manual carbon dioxide sys in ac switchgear room.  
PAOLINO,R.J., ANDERSON,C.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52668:299-52668:306.

**9002220203** Advises that 900125 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," satisfactory, based on implementation of three listed actions.  
STONE,J.C. Project Directorate I-2. 90/02/12. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52696:117-52696:119.

#### R. Periodic operating reports & related correspondence

**9002050013** Forwards "Discharge Monitoring Rept for Dec 1989." No violations of permit occurred during rept period.  
MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/23. COPORALE,G. New Jersey, State of. 3pp. 52548:176-52548:196.

**-9002050015** "Discharge Monitoring Rept for Dec 1989."  
MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 89/12/31. 19pp. 52548:179-52548:196.

#### S. Reportable occurrences, LERs & related correspondence

**9001310025** LER 89-025-00:on 891220,ESF actuation occurred.Caused by design/equipment concerns.Channel reset & declared operable.Several sys design mods will be made to eliminate spurious ESF actuation signals.W/900117 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/17. 4pp. 52521:018-52521:021.

**9002120214** LER 89-026-00:on 891228,radiation monitoring sys vent noble gas monitor 2R41A channel spiked,resulting in containment purge/pressure-vacuum relief sys isolation.Caused by design/ equipment problem.Channel reset & guide posted.W/ 900124 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/24. 4pp. 52635:138-52635:141.

**9002120215** LER 89-027-00:on 891231,steam generator 22 blowdown radiation monitoring sys Channel 2R19B failure caused sys isolation.Caused by electrical spike on channel microprocessor.Setpoints reentered.W/900124 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/24. 4pp. 52635:244-52635:247.

**9002130099** LER 90-001-01:on 900101,general area radiation monitoring sys monitor spiked into alarm resulting in second automatic switching of control room ventilation.Caused by design/ equipment concerns.Channel reset.W/900124 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/24. 4pp. 52635:080-52635:083.

**9002090298** Special Rept 90-1:on 900109,diesel generator 2C failed due to loss of ability to adjust speed during surveillance. Defective governor replaced & surveillance procedure successfully performed.  
MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 3pp. 52614:286-52614:288.

**9002090308** LER 90-002-00:on 900104,determined that ECCS flow balance verification surveillance not correctly calculated after last refueling outage on 881023.Caused by personnel error. Discretionary enforcement granted by NRC.W/900131 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. 6pp. 52598:083-52598:088.

**9002090322** LER 90-003-00:on 900105,steam generator 22 blowdown radiation monitoring sys Channel 2R19B failed.Caused by design/equipment concerns.Radiation monitoring sys monitors & modules retested.W/900131 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. 5pp. 52598:089-52598:073.

**9002220729** LER 90-004-00:on 900112,plant vent noble gas monitor 2R41A channel failed low,resulting in containment purge/pressure vacuum relief sys isolation signal.Caused by problems w/ Victoreen monitor.Channel module adjusted.W/900207 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/07. 4pp. 52712:268-52712:271.

**9002220012** LER 90-008-00:on 900120,plant vent noble gas monitor 2R41C failed low,resulting in closure signal for waste gas decay tank vent control valve 2WV41.Caused by personnel error. Operator aid will be posted on panel.W/900215 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/15. 4pp. 52679:037-52679:040.

**9002230113** LER 90-006-00:on 900117,control room general area radiation monitor spiked high,resulting in switching ventilation sys to emergency mode of operation.Caused by damaged pins on channel backplate & modules.Pins repaired.W/ 900215 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/15. 4pp. 52712:349-52712:352.

**9002230162** LER 90-007-00:on 900117,main steam line isolation signal actuated during surveillance for pressure transmitter, causing isolation signal & ESF actuations.Caused by inadequate procedure.Panel labeling corrected.W/900215 ltr.  
POLLACK,M.J., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/15. 6pp. 52713:191-52713:196.

**9002230195** LER 90-005-00:on 900117,Tech Spec Action Statement 3.0.3 entered due to inoperability of two high head ECCS subsys. Caused by leak from welded pipe cap on boron injection tank. Pipe-to-cap socket welded joint repaired.W/900215 ltr.  
RUPP,J.L., MILLER,L.K. Public Service Electric & Gas Co. of New Jersey. 90/02/15. 5pp. 52713:016-52713:020.

#### V. Operator Examinations

**9002140272** Forwards revised NRC Forms 396 & 398,personal qualifications statement & certification of medical exam by licensee, respectively.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52655:240-52655:247.

**9002010395** Advises of evaluation of requalification program & licensed personnel at plant scheduled for wk of 900402 & requests that employee be provided to complete exam team.  
ESELGROTH,P.W. Region 1, Ofc of the Director. 90/01/23. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52505:221-52505:228.

**9002140074** Informs that generic fundamentals exam section will conform to listed registration & exam process guidelines which will be included in next rev to NUREG-1021,in response to feedback received.Sampling plan encl.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52650:159-52650:166.

**9002090016** Forwards corrected Tech Spec pages to 891114 Rev 3 of request for license amend.License change would allow individual option of holding or having held senior reactor operator license as condition to be operations manager.  
PRESTON,B.A. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52607:312-52607:317.

#### DOCKET 50-312 RANCHO SECO NUCLEAR GENERATING STATION

#### F. Security, medical, emergency & fire protection plans

**9001290110** Temporary Change TC-01 to Page 2A to Rev 1 to EPIP-5610, "Drills & Exercise."  
LENEAVE,R., COLOMBO,R.W. Sacramento Municipal Utility District. 90/01/10. 6pp. 52469:178-52469:183.

**9002230196** Temporary Change TC-01 to Rev 1 to EPIP-5610, "Drills & Exercises."  
LENEAVE,R., COLOMBO,R.W. Sacramento Municipal Utility District. 90/01/10. 6pp. 52701:129-52701:134.

**9002020025** Forwards Insp Rept 50-312/89-19 on 891021-1208.Violations noted but not cited.  
RICHARDS,S. Region 5, Ofc of the Director. 90/01/16. KEUTER,D.R. Sacramento Municipal Utility District. 2pp. 52526:086-52526:095.

**-9002020027** Insp Rept 50-312/89-19 on 891021-1208.Noncited violations noted.Major areas inspected:operational safety verification, health physics & security,maint,QA & followup items.  
WONG,H. Region 5, Ofc of the Director. 90/01/12. 8pp. 52526:088-52526:095.

**9002050010** Rev Ltr EPIP-32 forwarding table of contents replaced w/new pages & advising that EPIP-5513 inactive.  
\* Sacramento Municipal Utility District. 90/01/26. 4pp. 52542:037-52542:040.

**9002220155** Discusses Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Util expected to continue to comply w/requirements of generic ltr & NRC 891013 ltr rescinded.  
REYNOLDS,S.A. Project Directorate V. 90/02/13. KEUTER,D.R. Sacramento Municipal Utility District. 3pp. 52689:034-52689:036.

#### J. Insurance & Indemnity Information

**9002220263** Forwards Endorsements 95 & 83 to NELIA Policy NF-212 & MAELU Policy MF-75,respectively,Endorsements 10 & 11 to Certificates N-49 & M-49 & Endorsements 5,8,14 & 15 to MAELU Policy 1.  
CRUNK,S.L. Sacramento Municipal Utility District. 90/02/07. DINITZ Document Control Branch (Document Control Desk). 17pp. 52689:153-52689:169.

#### P. Operating license stage documents & correspondence

**9001290056** Grants temporary enforcement discretion by temporarily waiving requirement that util comply w/full provisions of 10CFR26, "Fitness-for-Duty Programs," based on defueled condition of facility.  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/18. BOGGS,D. Sacramento Municipal Utility District. 4pp. 52453:247-52453:250.



## 72 DOCKETED ITEMS

**9001300105** Forwards Rev 5 to "Rancho Seco Quality Manual." Rev reflects current organization functions & titles of responsible positions & addition of effluent control & environ monitoring.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/01/22. KNIGHTON,G. Document Control Branch (Document Control Desk). 2pp. 52470:319-52471:035.

—**9001300113** Rev 5 to "Rancho Seco Quality Manual."  
\* Sacramento Municipal Utility District. 90/01/22. 77pp. 52470:321-52471:035.

**9002080331** Forwards Rev 0 to NDP-039, "Sys Required to Support Defueled Mode," & Rev 1 to TSAP-4124, "Sys Layup Program." Sys categories at facility include,operable,available,prudent to operate & layup.  
SHETLER,J.R. Sacramento Municipal Utility District. 90/01/30. KNIGHTON,G. Document Control Branch (Document Control Desk). 2pp. 52593:229-52593:267.

—**9002080334** Rev 0 to Procedure NDP-039, "Sys Required to Support Defueled Mode."  
KEUTER,D.R. Sacramento Municipal Utility District. 90/01/11. 8pp. 52593:231-52593:238.

—**9002080345** Rev 1 to Technical Svcs Administrative Procedure TSAP-4124, "Sys Layup Program."  
\* Sacramento Municipal Utility District. 90/01/29. 29pp. 52593:239-52593:267.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220078** Provides addl info to 891129 response to Generic Ltr 29-10, "Safety-Related Motor-Operated Valve Testing & Surveillance." No safety-related motor-operated valves required to be OPERABLE w/plant in defueled condition.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/02/01. MARTIN,J.B. Region 5, Ofc of the Director. 1p. 52689:024-52689:024.

**9002120015** Requests exemption from simulator training & testing requirements of 10CFR55.11 while plant in defueled mode.In present defueled condition,use of simulator to ensure skills & abilities re plant operations irrelevant.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/02/02. KNIGHTON,G. Document Control Branch (Document Control Desk). 2pp. 52617:253-52617:254.

**9002130207** Comments on Tech Specs applicable to facility in defueled condition.Concerns raised that current procedures & training may not adequately cover maintaining spent fuel pool cooling following postulated loss of offsite power.  
TRAMMELL,C.M. Project Directorate V. 90/02/05. KEUTER,D.R. Sacramento Municipal Utility District. 5pp. 52628:170-52628:174.

**9002140223** Requests limited scope exemption from requirements of 10CFR26 fitness for duty programs.Util currently implementing program in accordance w/enforcement discretion granted in Commission 900118 ltr.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/02/08. Document Control Branch (Document Control Desk). 2pp. 52655:179-52655:180.

**9002230531** Informs of change in forecast dates for spent fuel pool investigation from dates presented to NRC at 900124 meeting at plant site.Change necessitated by procurement delay on replacement parts for traveling hoist.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/02/13. Document Control Branch (Document Control Desk). 2pp. 52709:226-52709:227.

### Q. Inspection reports, IE Bulletins & correspondence

**9002020025** Forwards Insp Rept 50-312/89-19 on 891021-1208.Violations noted but not cited.  
RICHARDS,S. Region 5, Ofc of the Director. 90/01/16. KEUTER,D.R. Sacramento Municipal Utility District. 2pp. 52526:086-52526:095.

—**9002020027** Insp Rept 50-312/89-19 on 891021-1208.Noncited violations noted.Major areas inspected:operational safety verification, health physics & security,maint,QA & followup items.  
WONG,H. Region 5, Ofc of the Director. 90/01/12. 8pp. 52526:088-52526:095.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310207** Advises that actions requested by NRC Bulletin 89-003 not applicable to station since station currently in defueled shutdown condition.Util took action to disallow temporary storage of fuel assemblies w/o approval of reactor engineer.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/01/22. KNIGHTON,G. Document Control Branch (Document Control Desk). 1p. 52531:041-52531:041.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001290198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—**8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230491** Advises that NRC will continue to exercise enforcement discretion regarding 10CFR26, "Fitness for Duty Programs," to extent described in 900118 request,until 900208 exemption request acted upon or future intent re operations changes.  
ZWOLINSKI,J.A. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411). 90/02/16. BOGGS,D. Sacramento Municipal Utility District. 3pp. 52702:355-52702:357.

### R. Periodic operating reports & related correspondence

**9002230273** Monthly operating rept for Jan 1990 for Rancho Seco Nuclear Generating Station.W/900214 ltr.  
MUELLER,M., CRUNK,S.L. Sacramento Municipal Utility District. 90/01/31. 7pp. 52701:122-52701:128.

### V. Operator Examinations

**9002120015** Requests exemption from simulator training & testing requirements of 10CFR55.11 while plant in defueled mode.In present defueled condition,use of simulator to ensure skills & abilities re plant operations irrelevant.  
KEUTER,D.R. Sacramento Municipal Utility District. 90/02/02. KNIGHTON,G. Document Control Branch (Document Control Desk). 2pp. 52617:253-52617:254.

### DOCKET 50-313 ARKANSAS NUCLEAR ONE, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9002010120** Rev 8 to Arkansas Nuclear One emergency plan.W/900122 ltr.  
\* Arkansas Power & Light Co. 90/01/01. 436pp. 52507:060-52508:135.

**9002010179** Public version of revised EIPs,consisting of Rev 9 to 1904.002 & Rev 17 to 1904.002.W/900125 release memo.  
\* Arkansas Power & Light Co. 90/01/02. 88pp. 52522:241-52522:328.

**9002080240** Ack receipt of 891201 ltr advising of requirement to extend time to complete perimeter security improvement project. Extension justifiable & acceptable.Implementation will be reviewed during future insp.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/01. CAMPBELL,G. Arkansas Power & Light Co. 2pp. 52588:184-52588:187.

### H. General correspondence

**9002080242** Comment supporting proposed rule 10CFR50, "Stabilization & Decontamination Priority,Trusteeship Provisions & Amount of Property Insurance Requirements." FISICARO,J.J. Arkansas Power & Light Co. 90/01/15. CHILK,S.J. Office of the Secretary of the Commission. 6pp. 52567:152-52567:156.

### P. Operating license stage documents & correspondence

**9002020037** Updates actions implemented & results achieved from plan submitted in Jan 1988 for reducing temp in reactor bldg.Addl temp instrumentation utilized & installed temporarily to collect data for comparison of temps.  
FISICARO,J.J. Arkansas Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52533:146-52533:148.

**9002050293** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Svc water integrity program will ensure that required design performance of svc water sys maintained.  
FISICARO,J.J. Arkansas Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 27pp. 52547:141-52547:167.

**9002080135** Clarifies util 871030 application for amend to extend term of facility license to 40 yrs from date of OL issuance & advises of future plans to resubmit amend request to allow utilization of more highly enriched reload fuel.  
FISICARO,J.J. Arkansas Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52594:025-52594:026.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220391** Summarizes plant periodic performance meeting on 900119 at site re activities authorized by Licenses DPR-51 & NPF-6. Meeting beneficial & provided better understanding of ongoing organizational changes at plant.W/summary & slides.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/12. CAMPBELL,G. Arkansas Power & Light Co. 60pp. 52674:085-52674:144.

**Q. Inspection reports, IE Bulletins & correspondence**

- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BEFLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001290222** Advises that actions taken in response to NRC Bulletin 88-010, "Nonconforming Molded-Case Circuit Breakers," described in 890331, 1031 & 1228 ltrs. acceptable. Records re bulletin should be maintained for at least 5 yrs. POSLUSNY, C. Project Directorate IV. 90/01/18. CAMPBELL, T.G. Arkansas Power & Light Co. 3pp. 52454:070-52454:072.
- 9002090172** Forwards Insp Repts 50-313/89-47 & 50-368/89-47 on 891213-14 & notice of violation. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/19. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52599:306-52599:316.
- 9002090176** Notice of violation from Insp on 891213-14. Violations noted: failure to perform whole body frisk after individual worked in controlled area around old radwaste bldg on 891210.  
\* Region 4, Ofc of the Director. 90/01/19. 2pp. 52599:309-52599:310.
- 9002090177** Insp Repts 50-313/89-47 & 50-368/89-47 on 891213-14. Violations noted. Major areas inspected: events surrounding release of radioactive matl into uncontrolled area. RICKETSON, L.T., MURRAY, B. Region 4, Ofc of the Director. 90/01/18. 6pp. 52599:311-52599:316.
- 9001300012** Forwards Insp Repts 50-313/89-39 & 50-368/89-39 on 891016-26 & notice of violation. Two unresolved items noted. COLLINS, S.J. Region 1, Ofc of the Director. 90/01/22. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52475:033-52475:054.
- 9001300013** Notice of violation from Insp on 891016-26. Violations noted: Unit 1 inservice insp program had no ref marking sys & welds within insp program not marked w/ unique identifiers & filling cabinets containing QA records stored improperly.  
\* Region 4, Ofc of the Director. 90/01/22. 2pp. 52475:036-52475:037.
- 9001300015** Insp Repts 50-313/89-39 & 50-368/89-39 on 891016-26. Violations & unresolved items noted. Major areas inspected: inservice insp, erosion/corrosion, mod & drawing control programs. KERCH, H.W., HARRIS, R.H., OLIVERI, M.A. Region 1, Ofc of the Director. 89/12/29. 17pp. 52475:038-52475:054.
- 9002020162** Discusses Insp Repts 50-313/89-34 & 50-368/89-34 & forwards notice of violation & proposed imposition of civil penalty in amount of \$75,000. MARTIN, R.D. Region 4, Ofc of the Director. 90/01/22. CAMPBELL, G. Arkansas Power & Light Co. 6pp. 52546:246-52546:253.
- 9002020167** Notice of violation & proposed imposition of civil penalty in amount of \$75,000. Violations noted: since initial startup in 1974, unit operated w/ two of three svc water pumps containing contacts that would have prevented restarting. MARTIN, R.D. Region 4, Ofc of the Director. 90/01/22. 2pp. 52546:252-52546:253.
- 9002050304** Forwards schedule for completion of actions in response to App A & B items noted in Insp Rept 50-313/89-200, per NRC Bulletins 79-02 & 79-14. FISICARO, J.J. Arkansas Power & Light Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52547:312-52547:314.
- 9001310443** Ack receipt of 891228 ltr in response to 891025 ltr re Ofc of Investigations Rept 4-87-011. Proposal to provide addl specific info in response to Diagnostic Evaluation Team rept & SALP rept acceptable. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/24. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52498:107-52498:108.
- 9002050300** Ack receipt of 900109 ltr informing NRC of steps taken to correct violations noted in Insps 50-313/89-40 & 50-368/89-40. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/26. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52547:262-52547:273.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002080185** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Procedural restriction added to refueling procedure for Unit 2. Unit 1 refueling procedure will be revised. FISICARO, J.J. Arkansas Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52594:262-52594:266.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9002120317** Advises that procedure rev has been delayed due to impending realignment of engineering & maint personnel. Implementation now scheduled for 900330. EWING, E.C. Arkansas Power & Light Co. 90/01/31. Document Control Branch (Document Control Desk). 1p. 52607:034-52607:034.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

- 9002080240** Ack receipt of 891201 ltr advising of requirement to extend time to complete perimeter security improvement project. Extension justifiable & acceptable. Implementation will be reviewed during future insp. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52588:184-52588:187.
- 9002130284** Forwards Insp Repts 50-313/89-45 & 50-368/89-45 on 891116-1231 & notice of violation. Concerns raised re potential safety significance of failing to maintain equipment in qualified configuration. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52634:295-52634:317.
- 9002130286** Notice of violation from Insp on 891116-1231. Violations noted: tape splices for feedwater containment isolation valves lacked Okonite T-95/35 tape & output leads from transmitter reversed when reconnected.  
\* Region 4, Ofc of the Director. 90/02/01. 2pp. 52634:298-52634:299.
- 9002130290** Insp Repts 50-313/89-45 & 50-368/89-45 on 891116-1231. Violations noted. Major areas inspected: plant status, followup of events, operational safety verification, temporary instruction, maint, surveillance & personnel errors. CHAMBERLAIN, D. Region 4, Ofc of the Director. 90/01/30. 18pp. 52634:300-52634:317.
- 9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9002120327** Responds to NRC 900104 ltr re violations noted in Insp Repts 50-313/89-22 & 50-368/89-22. Corrective actions: procedural inadequacies corrected & comprehensive program implemented to meet mgt objectives. EWING, E.C. Arkansas Power & Light Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52627:052-52627:055.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 106pp. 52583:257-52584:004.
- 9002150292** Discusses util 891220 response to violations noted in Insp Repts 50-313/89-37 & 50-368/89-37. Use of Okonite T-95 & 35 taped splice configuration for power & control circuits acceptable. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/07. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52656:236-52656:239.
- 9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.
- 8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**R. Periodic operating reports & related correspondence**

- 9002120297** Forwards revs to semiannual radiological effluent release repts for 1987-89. FISICARO, J.J. Arkansas Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52627:133-52627:141.
- 9002120302** Revised third & fourth quarters of 1987 solid waste release rept.  
\* Arkansas Power & Light Co. 87/12/31. 2pp. 52627:135-52627:136.
- 9002120304** Revised 1988 solid waste release repts for Arkansas Nuclear One.  
\* Arkansas Power & Light Co. 88/12/31. 2pp. 52627:137-52627:138.
- 9002120306** Revised first & second quarters of 1989 gaseous effluent & unplanned releases to unrestricted areas for Arkansas Nuclear One.  
\* Arkansas Power & Light Co. 89/12/31. 3pp. 52627:139-52627:141.

**S. Reportable occurrences, LERs & related correspondence**

- 9002050168** LER 89-047-00: on 891219, RCS temp increased above 250 F w/ oxygen concentration greater than Tech Specs limit. Caused by inadequate procedural guidance. Plant startup procedure revised to require chemistry dept signoff. W/900118 ltr. TAYLOR, L.A., EWING, E.C. Arkansas Power & Light Co. 90/01/18. 4pp. 52536:123-52536:126.
- 9001300166** LER 89-049-00: on 891220, discovered that Okonite T-95 tape not used to tape internal motor lead connections for two main feedwater containment isolation valves. Caused by vendor error. Internal motor leads valves taped. W/900118 ltr. MILLAR, D., EWING, E.C. Arkansas Power & Light Co. 90/01/19. 4pp. 52494:060-52494:063.
- 9001300377** LER 89-041-00: on 891221, automatic actuation of emergency feedwater sys initiated. Caused by lack of adequate procedural guidance. Valve positioners CV-2623 & CV-2673 adjusted & guidance procedures developed. W/900122 ltr. TAYLOR, L.A., EWING, E.C. Arkansas Power & Light Co. 90/01/22. 4pp. 52494:109-52494:112.
- 9001300378** LER 89-042-01: on 891209, inadvertent actuation of control room emergency ventilation sys occurred. Caused by keying of hand held radio in vicinity of chlorine monitors by technician. Technician counseled. W/900122 ltr. MILLAR, D., EWING, E.C. Arkansas Power & Light Co. 90/01/22. 4pp. 52494:113-52494:116.
- 9002060382** LER 89-048-00: on 891228, automatic reactor trip & ESF actuation occurred as result of loss of all main feedwater flow due to inadvertent tripping of main feedwater pump. Caused by personnel error. O-rings replaced. W/900129 ltr. TAYLOR, L.A., EWING, E.C. Arkansas Power & Light Co. 90/01/29. 4pp. 52550:029-52550:032.

## 74 DOCKETED ITEMS

9002120094 LER 89-039-01: on 891116, discovered that door for upper north electrical penetration room open & latch mechanism missing. Caused by abnormally high differential pressure across door. Ventilation sys flow balance performed. W/900131 ltr. TAYLOR, L.A., EWING, E.C. Arkansas Power & Light Co. 90/01/31. 4pp. 52635:091-52635:094.

9002150011 LER 89-034-01: on 891031, determined that Tech Spec 3.9.1 had likely been violated re independent circuits of control room emergency air conditioning sys. Caused by inadequate guidance re equipment svc removal. Procedures revised. W/900206 ltr. TAYLOR, L.A., EWING, E.C. Arkansas Power & Light Co. 90/02/06. 4pp. 52654:168-52654:171.

### V. Operator Examinations

9002010130 Advises that retake licensing exams (written only) scheduled for first 2 wks of Mar 1990. Understands that until furnished ref mat listed on encl on 900119. Completed reapplications should be sent 30 days prior to exam. MILHOAN, J.L. Region 4, Ofc of the Director. 90/01/22. CAMPBELL, G. Arkansas Power & Light Co. 12pp. 52532:066-52532:077.

9002130255 Forwards info re generic fundamentals exam section of operator licensing written exam to be administered on 900207. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. CAMPBELL, G. Arkansas Power & Light Co. 4pp. 52634:291-52634:294.

### DOCKET 50-315 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9001310244 Forwards Safety Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226 & notice of violation. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52503:293-52503:311.

9001310249 Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Violation noted. Major areas inspected: plant operations, maint, surveillance, security, engineering & technical support, reportable events, allegations & generic ltrs. BURGESS, B.L. Region 3, Ofc of the Director. 90/01/12. 16pp. 52503:296-52503:311.

9001290279 Rev 4 to Emergency Response Procedure 3.01, "Emergency Response Organization & Function." W/900117 ltr. BOUNDS, L.M., ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/17. MURLEY, T.E. Document Control Branch (Document Control Desk). 22pp. 52473:190-52473:211.

9002010175 Ack receipt of 891229 ltr forwarding scope & objectives for 1990 plant emergency plan exercise, scheduled for Apr 1990. Scope & objectives acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/01/24. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 1p. 52512:242-52512:242.

9002090251 Forwards Physical Security Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/25. ALEXICH, M.P. Indiana Michigan Power Co. 2pp. 52614:292-52614:295.

9002090256 Partially withheld Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12 (ref 10CFR73.21). No violations noted. Major areas inspected: physical security insp involving mgt support & effectiveness & records & repts. KNICELEY, J.R., PIRTLE, G.L., CREED, J.R. Region 3, Ofc of the Director. 90/01/25. 2pp. 52614:294-52614:295.

9002120305 Informs that unit will submit under separate cover, exercise scenario for 900402-06 plant emergency preparedness exercise to J Foster, per 870316 ltr & IE Info Notice 85-055. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52631:212-52631:213.

9002220181 Forwards safety evaluation re procedures generation package for plant & programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures. GLITTER, J.G. Project Directorate III-1. 90/02/14. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). ALEXICH, M. American Electric Power Service Corp. 3pp. 52689:170-52689:185.

9002220185 Safety evaluation re procedures generation package for facility. \* NRC - No Detailed Affiliation Given. 90/02/14. 13pp. 52689:173-52689:185.

9002230148 Confirms 891030 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Submittal certified that short-term actions in safeguards contingency plan protect against vehicle bomb. GLITTER, J.G. Project Directorate III-1. 90/02/14. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52709:247-52709:249.

#### P. Operating license stage documents & correspondence

9001290176 Advises that individual plant exam approach, methodology & schedule, per Generic Ltr 88-20, discussed in 891024 response, acceptable. Schedule changes should be reported to NRC. GLITTER, J.G. Project Directorate III-1. 90/01/19. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 4pp. 52468:114-52468:117.

9002070106 Forwards response to Generic Ltr 89-13 re svc water sys. Intake forebays visually inspected for presence of macroscopic biological fouling organisms, sediment, corrosion products & miscellaneous debris. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/25. DAVIS, A.B. Document Control Branch (Document Control Desk). 45pp. 52598:291-52598:334.

9002070466 Application for amend to License DPR-58, changing Tech Spec 3/4.7.1.5.b, "Steam Generator Stop Valves," & 3.3-5 5.h, 6.h & 7.c. Amend ensures valve closure within eight seconds on closure actuation signal. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. MURLEY, T.E. Document Control Branch (Document Control Desk). 8pp. 52587:286-52587:338.

9002070468 Proposed Tech Specs changing 3/4.7.1.5.b, "Steam Generator Stop Valves" & Table 3.3-5 5.h, 6.h & 7.c, "Steam Line Isolation Response Times," required for accident analyses. \* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. 44pp. 52587:295-52587:338.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002090143 Documents verification of close out of Multi-Plant Action G-01, "Reactor Coolant Pump Trip," for plants, per 891219 memo. THOMA, J.O. Project Directorate III-1. 90/02/01. STOLZ, J. Project Directorate I-4. 1p. 52615:075-52615:075.

9002120350 Corrects commitment date contained in 900131 ltr & provides details of program to assess operability of MSIVs. Acoustic data collected on valves included as Attachment 2, per Region III request. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/02. MURLEY, T.E. Document Control Branch (Document Control Desk). 7pp. 52627:056-52627:062.

9002120256 Application for amends to Licenses DPR-58 & DPR-74, changing Westinghouse fuel & reload analysis methodology. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. MURLEY, T.E. Document Control Branch (Document Control Desk). 32pp. 52641:261-52641:010.

9002120260 Proposed Tech Specs changing Westinghouse fuel & reload analysis methodology. \* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. 789pp. 52641:283-52644:010.

9002220473 Application for amends to Licenses DPR-58 & DPR-74, deleting extension limit per Generic Ltr 89-14, "Line Item Improvement in Tech Specs-Removal of 3.25 Limit on Extending Surveillance Intervals." ALEXICH, M.E. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/07. MURLEY, T.E. Document Control Branch (Document Control Desk). 8pp. 52696:201-52696:212.

9002220475 Proposed Tech Specs deleting 3.25 extension limit in accordance w/guidance in Generic Ltr 89-14, "Line Item Improvement in Tech Specs Removal of 3.25 Limit on Extending Surveillance Intervals." \* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/07. 4pp. 52696:209-52696:212.

9002220692 Application for amend to License DPR-58, extending visual insp interval for inaccessible snubbers as delineated in Tech Spec 3/4.7.8 from 900911 until Unit 1 refueling outage, scheduled for 901012. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/09. MURLEY, T.E. Document Control Branch (Document Control Desk). 6pp. 52701:017-52701:024.

9002220695 Proposed Tech Spec 3/4.7.8 re snubbers. \* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/09. 2pp. 52701:023-52701:024.

9002220181 Forwards safety evaluation re procedures generation package for plant & programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures. GLITTER, J.G. Project Directorate III-1. 90/02/14. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). ALEXICH, M. American Electric Power Service Corp. 3pp. 52689:170-52689:185.

9002220185 Safety evaluation re procedures generation package for facility. \* NRC - No Detailed Affiliation Given. 90/02/14. 13pp. 52689:173-52689:185.

#### Q. Inspection reports, IE Bulletins & correspondence

9001310244 Forwards Safety Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226 & notice of violation. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52503:293-52503:311.

9001310246 Notice of violation from insp on 891117-1226. Violation noted: steady state reactor core power exceeded 3,411 MWt routinely until computer error discovered on 891108. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. 1p. 52503:295-52503:295.

9001310249 Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Violation noted. Major areas inspected: plant operations, maint, surveillance, security, engineering & technical support, reportable events, allegations & generic ltrs. BURGESS, B.L. Region 3, Ofc of the Director. 90/01/12. 16pp. 52503:296-52503:311.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002070106 Forwards response to Generic Ltr 89-13 re svc water sys. Intake forebays visually inspected for presence of macroscopic biological fouling organisms, sediment, corrosion products & miscellaneous debris. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/25. DAVIS, A.B. Document Control Branch (Document Control Desk). 45pp. 52598:291-52598:334.

9002090251 Forwards Physical Security Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/25. ALEXICH, M.P. Indiana Michigan Power Co. 2pp. 52614:292-52614:295.

—9002090256 Partially withheld Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12 (ref 10CFR73.21). No violations noted. Major areas inspected: physical security insp involving mgt support & effectiveness & records & repts.  
KNICELEY, J.R., PIRTLE, G.L., CREED, J.R. Region 3, Ofc of the Director. 90/01/25. 2pp. 52614:294-52614:295.

9002202072 Forwards revised response to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." Unit 1 steam generators have not experienced svc-induced denting at uppermost support plates.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/26. MURLEY, T.E. Document Control Branch (Document Control Desk). 7pp. 52528:329-52529:335.

9002080117 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Restrictions re acceptable intermediate fuel assembly configurations will be formally incorporated into plant refueling procedures.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/26. MURLEY, T.E. Document Control Branch (Document Control Desk). 4pp. 52609:204-52609:207.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002120305 Informs that util will submit under separate cover, exercise scenario for 900402-06 plant emergency preparedness exercise to J Foster, per 870316 ltr & IE Info Notice 85-055.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52631:212-52631:213.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002230014 Responds to WL Axelson 900112 ltr re violations noted in Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Corrective actions: correct values for blowdown constants manually entered into thermal output program.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/08. DAVIS, M.P. Document Control Branch (Document Control Desk). 8pp. 52702:190-52702:197.

#### S. Reportable occurrences, LERs & related correspondence

9001300119 Part 21 rept re Westinghouse Class 1E thermal/magnetic molded-case circuit breakers tripping during attempts to start motor. Initially reported on 900105. Vendor requesting that util verify proper breaker performance.  
JOHNSON, W.J. Westinghouse Electric Corp. 90/01/09. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52546:201-52546:205.

9002150109 Special repton 900102, 06, 08, 13, 16 & 24, fire barriers on 4 kV complex reactor cable tunnel door, contractor access bldg & auxiliary cable vault inoperable longer than Tech Spec 3.7.10, Action A allows. Fire watches maintained.  
BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. DAVIS, A.B. Document Control Branch (Document Control Desk). 3pp. 52656:305-52656:307.

#### V. Operator Examinations

9001310085 Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

#### DOCKET 50-316 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9001310244 Forwards Safety Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226 & notice of violation.  
AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52503:293-52503:311.

—9001310249 Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Violation noted. Major areas inspected: plant operations, maint, surveillance, security, engineering & technical support, reportable events, allegations & generic ltrs.  
BURGESS, B.L. Region 3, Ofc of the Director. 90/01/12. 16pp. 52503:296-52503:311.

9001290279 Rev 4 to Emergency Response Procedure 3.01, "Emergency Response Organization & Function." W/900117 ltr.  
BOUNDS, L.M., ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/17. MURLEY, T.E. Document Control Branch (Document Control Desk). 22pp. 52473:190-52473:211.

9002010175 Ack receipt of 891229 ltr forwarding scope & objectives for 1990 plant emergency plan exercise, scheduled for Apr 1990. Scope & objectives acceptable.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/24. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 1p. 52512:242-52512:242.

9002090251 Forwards Physical Security Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/25. ALEXICH, M.P. Indiana Michigan Power Co. 2pp. 52614:292-52614:295.

—9002090256 Partially withheld Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12 (ref 10CFR73.21). No violations noted. Major areas inspected: physical security insp involving mgt support & effectiveness & records & repts.  
KNICELEY, J.R. Region 3, Ofc of the Director. 90/01/25. 2pp. 52614:294-52614:295.

9002120305 Informs that util will submit under separate cover, exercise scenario for 900402-06 plant emergency preparedness exercise to J Foster, per 870316 ltr & IE Info Notice 85-055.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52631:212-52631:213.

9002220181 Forwards safety evaluation re procedures generation package for plant & programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures.  
GLITTER, J.G. Project Directorate III-1. 90/02/14. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52689:170-52689:185.

—9002220185 Safety evaluation re procedures generation package for facility.  
\* NRC - No Detailed Affiliation Given. 90/02/14. 13pp. 52689:173-52689:185.

9002230148 Confirms 891030 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Submittal certified that short-term actions in safeguards contingency plan protect against vehicle bomb.  
GLITTER, J. Project Directorate III-1. 90/02/14. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52709:247-52709:249.

#### P. Operating license stage documents & correspondence

9001290176 Advises that individual plant exam approach, methodology & schedule, per Generic Ltr 88-20, discussed in 891024 response, acceptable. Schedule changes should be reported to NRC.  
GLITTER, J.G. Project Directorate III-1. 90/01/19. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 4pp. 52468:114-52468:117.

9002070106 Forwards response to Generic Ltr 89-13 re svc water sys. Intake forebays visually inspected for presence of macroscopic biological fouling organisms, sediment, corrosion products & miscellaneous debris.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/25. DAVIS, A.B. Document Control Branch (Document Control Desk). 45pp. 52588:291-52588:334.

9002070460 Documents 900125 commitments re increased MSIV closure times. Licensee will develop program to monitor steam dump valve leakage based on either quantitative or qualitative acceptance criteria by 900208 & evaluate noted alternatives.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52587:225-52587:226.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002090143 Documents verification of close out of Multi-Plant Action G-01, "Reactor Coolant Pump Trip," for plants, per 891219 memo.  
THOMA, J.O. Project Directorate III-1. 90/02/01. STOLZ, J. Project Directorate I-4. 1p. 52615:075-52615:075.

9002120350 Corrects commitment date contained in 900131 ltr & provides details of program to assess operability of MSIVs. Acoustic data collected on valves included as Attachment 2, per Region III request.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/02. MURLEY, T.E. Document Control Branch (Document Control Desk). 7pp. 52627:056-52627:062.

9002120256 Application for amends to Licenses DPR-58 & DPR-74, changing Westinghouse fuel & reload analysis methodology.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. MURLEY, T.E. Document Control Branch (Document Control Desk). 32pp. 52641:261-52644:010.

—9002120260 Proposed Tech Specs changing Westinghouse fuel & reload analysis methodology.  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. 78pp. 52641:263-52644:010.

9002140162 Application for amend to License DPR-74, revising Tech Specs by implementing core operating limits rept in accordance w/ Generic Ltr 88-16, "Removal of Cycle-Specific Parameter Limits From Tech Specs."  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. MURLEY, T.E. Document Control Branch (Document Control Desk). 10pp. 52650:217-52650:265.

—9002140165 Proposed Tech Specs re implementation of core operating limits rept, per Generic Ltr 88-16.  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. 39pp. 52650:227-52650:265.



## 76 DOCKETED ITEMS

**9002220473** Application for amends to Licenses DPR-58 & DPR-74, deleting extension limit, per Generic Ltr 89-14, "Line Item Improvement in Tech Specs-Removal of 3.25 Limit on Extending Surveillance Intervals." ALEXICH, M.E. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/07. MURLEY, T.E. Document Control Branch (Document Control Desk). 8pp. 52696:201-52696:212.

**-9002220475** Proposed Tech Specs deleting 3.25 extension limit in accordance w/guidance in Generic Ltr 89-14, "Line Item Improvement in Tech Specs Removal of 3.25 Limit on Extending Surveillance Intervals." \* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/07. 4pp. 52696:209-52696:212.

**9002220181** Forwards safety evaluation re procedures generation package for plant & programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures. GLITTER, J.G. Project Directorate III-1. 90/02/14. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). ALEXICH, M. American Electric Power Service Corp. 3pp. 52689:170-52689:185.

**-9002220185** Safety evaluation re procedures generation package for facility. \* NRC - No Detailed Affiliation Given. 90/02/14. 13pp. 52689:173-52689:185.

### Q. Inspection reports, IE Bulletins & correspondence

**9001310244** Forwards Safety Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226 & notice of violation. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52503:293-52503:311.

**-9001310246** Notice of violation from insp on 891117-1226. Violation noted: steady state reactor core power exceeded 3,411 MWt routinely until computer error discovered on 891108. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. 1p. 52503:295-52503:295.

**-9001310249** Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Violation noted: Major areas inspected: plant operations, maint, surveillance, security, engineering & technical support, reportable events, allegations & generic ltrs. BURGESS, B.L. Region 3, Ofc of the Director. 90/01/12. 16pp. 52503:296-52503:311.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002070106** Forwards response to Generic Ltr 89-13 re svc water sys. Intake forebays visually inspected for presence of macroscopic biological fouling organisms, sediment, corrosion products & miscellaneous debris. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/25. DAVIS, A.B. Document Control Branch (Document Control Desk). 45pp. 52598:291-52598:334.

**9002090251** Forwards Physical Security Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12. No violations noted. GREGER, L. Region 3, Ofc of the Director. 90/01/25. ALEXICH, M.P. Indiana Michigan Power Co. 2pp. 52614:292-52614:295.

**-9002090256** Partially withheld Insp Repts 50-315/90-02 & 50-316/90-02 on 900108-12 (ref 10CFR73.21). No violations noted. Major areas inspected: physical security insp involving mgt support & effectiveness & records & repts. KNICELEY, J.R., PIRTLE, G.L., CREED, J.R. Region 3, Ofc of the Director. 90/01/25. 2pp. 52614:294-52614:295.

**9002020272** Forwards revised response to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." Unit 1 steam generators have not experienced svc-induced denting at uppermost support plates. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/26. MURLEY, T.E. Document Control Branch (Document Control Desk). 7pp. 52529:329-52529:335.

**9002080117** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Restrictions re acceptable intermediate fuel assembly configurations will be formally incorporated into plant refueling procedures. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/26. MURLEY, T.E. Document Control Branch (Document Control Desk). 4pp. 52609:204-52609:207.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002120305** Informs that util will submit under separate cover, exercise scenario for 900402-06 plant emergency preparedness exercise to J Foster, per 870316 ltr & IE Info Notice 85-055. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/01/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52631:212-52631:213.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licenses." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230014** Responds to WL Axelson 900112 ltr re violations noted in Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Corrective actions: correct values for blowdown constants manually entered into thermal output program. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/09. DAVIS, M.P. Document Control Branch (Document Control Desk). 8pp. 52702:190-52702:197.

### S. Reportable occurrences, LERs & related correspondence

**9001300119** Part 21 rept re Westinghouse Class 1E thermal/magnetic molded-case circuit breakers tripping during attempts to start motor. Initially reported on 900105. Vendor requesting that util verify proper breaker performance. JOHNSON, W.J. Westinghouse Electric Corp. 90/01/09. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52546:201-52546:205.

**9002150109** Special rept on 900102, 06, 08, 13, 16 & 24, fire barriers on 4 kV complex reactor cable tunnel door, contractor access bldg & auxiliary cable vault inoperable longer than Tech Spec 3.7.10. Action A allows. Fire watches maintained. BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. DAVIS, A.B. Document Control Branch (Document Control Desk). 3pp. 52656:305-52656:307.

**9002150099** LER 88-003-06: on 880111, investigation revealed that 4 kV bus loss of voltage & degraded voltage relays found beyond Tech Specs allowable values. No cause noted. Each relay adjusted upon discovery & change request submitted. W/900208 ltr. BEILMAN, T.P., BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/06. 5pp. 52654:163-52654:167.

### V. Operator Examinations

**9001310085** Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam. WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

## DOCKET 50-317 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9002090036** Rev 12 to emergency response plan. \* Baltimore Gas & Electric Co. 89/12/21. 90pp. 52614:307-52615:036.

**9002020122** Revised ERPIPs, consisting of Change 5 to Rev 11 to ERPIP 4.1.3 & 4.1.4, Change 3 to Rev 11 to ERPIP 4.1.21 & to Rev 1 to ERPIP 4.1.33 & Change 1 to Rev 15 to ERPIP B.1. LEMONS, J.R., USI, A.A., RUSSELL, L.B. Baltimore Gas & Electric Co. 90/01/12. 48pp. 52539:162-52539:212.

**9002020190** Revised EPIPs, including Chapter 6 to Rev 12 to EPIP 4.1.17, Chapter 4 to Rev 2 to EPIP 4.1.29 & Chapter 3 to Rev 1 to EPIP 4.1.30. Privacy info deleted. \* Baltimore Gas & Electric Co. 90/01/12. 13pp. 52524:102-52524:114.

**9002020196** Sanitized ERPIPs, consisting of Rev 38 to ERPIP A.1, "Emergency Organization" & Change 7 to Rev 3 to ERPIP A.2, Pages 5 through 10. USI, A.A., RUSSELL, L.B., LEMONS, J.R. Baltimore Gas & Electric Co. 90/01/12. 30pp. 52539:226-52539:255.

**9001310528** Advises that 890313 Rev 4 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable. Encl withheld (ref 10CFR73.21). BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/22. COSS, H.D. Baltimore Gas & Electric Co. 3pp. 52498:131-52498:133.

**9002050008** Requests exemption to provide temporary relief from requirements of 10CFR59, App R, Section III.J, "Emergency Lighting" & advises that addl time necessary to install 8 h emergency lighting to assure illumination of areas. CREEL, G.C. Baltimore Gas & Electric Co. 90/01/24. Document Control Branch (Document Control Desk). 5pp. 52548:166-52548:170.

**9002060331** Expresses appreciation for volunteering to participate in emergency response data sys. JOLICOEUR, J.R. Incident Response Branch. 90/01/30. FORGETTE, T.E. Baltimore Gas & Electric Co. 65pp. 52556:012-52556:076.

**9002160174** Forwards Safeguards Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 & notice of violation. BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/05. COSS, H.D. Baltimore Gas & Electric Co. 3pp. 52658:165-52658:180.

**-9002160175** Notice of violation from insp on 900108-12. Violations noted: security force members vision not tested for field of vision or glaucoma. \* Region 1, Ofc of the Director. 90/02/05. 1p. 52658:168-52658:168.

**-9002160178** Partially withheld Physical Security Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 (ref 10CFR73.21). Violations noted: Major areas inspected: mgt effectiveness & support, program plans & vital area physical barriers. DELLA RATTIA, A., LANCASTER, W.K., KEIMIG, R.R. Region 1, Ofc of the Director. 90/02/01. 12pp. 52658:169-52658:180.



**9002140062** Advises that fee for reactor applications & topical repts do not need to be submitted w/application, per revised 10CFR170. Check previously remitted w/900124 request for exemption from 10CFR50, App R.  
WEISS, D. License Fee & Debt Collection Branch (Post 890827). 90/02/06. TIERNAN, J.A. Baltimore Gas & Electric Co. 1p. 52650:268-52650:268.

**9002220558** Responds to violations noted in Insp Repts 50-317/89-23 & 50-318/89-23. Corrective actions: commitment mgt sys in place to track commitments site wide & ensure changes to emergency procedures made in timely manner.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52683:329-52683:331.

#### P. Operating license stage documents & correspondence

**9001290150** Forwards request for addl info re 891220 proposed Tech Spec amend re HPSI pump operability in Mode 3. Prompt response requested to support review schedule.  
MCDONALD, D.G. Project Directorate I-1. 90/01/22. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52468:149-52468:151.

**9002010284** Forwards addl clarifying info to support 891220 license amend request re HPSI pump operability, per 900122 request. Info does not change conclusions re significant hazards analysis.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/23. Document Control Branch (Document Control Desk). 28pp. 52522:030-52522:057.

**9002050007** Forwards info re commitment implementation assessment project objectively assessing how effectively util historically identified, implemented & maintained commitments made to NRC.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/25. RUSSELL, W.T. NRC - No Detailed Affiliation Given. 7pp. 52542:041-52542:047.

**9002080122** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Licensee currently cleans & inspects saltwater intake structures during each refueling outage.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 15pp. 52593:340-52594:011.

**9002060291** Advises that, effective on 900128, DG McDonald assigned as project manager for facilities.  
CAPRA, R.A. Project Directorate I-1. 90/01/30. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52555:172-52555:173.

**9002070116** Submits correction to 891127 response to Generic Ltr 89-21 re status of USI A-11 concerning charpy upper shelf energy. Status of USI A-11 should read "NC, CCNPP Charpy upper shelf energy is not less than 50-ft pounds."  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52592:157-52592:157.

**9002080116** Responds to Generic Ltr 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants." Formal program to ensure that boric acid corrosion does not lead to increase in abnormal leakage implemented.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52594:133-52594:134.

**9002120083** Requests review & approval of temporary change to QA program description reflected in encl marked-up FSAR pages. Change covers Table 1B-1 re util position on guidance contained in ANSI stds.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 7pp. 52631:001-52631:007.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002070294** Advises that licensee 891031 response to Generic Ltr 88-20, "Individual Plant Exams," acceptable. Util encouraged to submit exam results on shorter schedule to help avoid delays & expected backlog.  
MCDONALD, D.G. Project Directorate I-1. 90/02/01. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52604:212-52604:214.

**9002140135** Clarifies util 900123 response to NRC request for addl info re HPSI pump operability in Mode 3. Util used uncertainty of 10% in determining fission product decay heat. Mode 3 will not be entered until 900228.W/CENPD-254-P-A.Rept withheld.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52650:199-52650:201.

**9002080369** Submits daily highlight on 900102, Suppl 1 to Confirmatory Action Ltr CAL-RI/89-08 issued to licensee, confirming licensee 900125 commitment to complete commitment implementation assessment project.  
MCDONALD, D.G. Project Directorate I-1. 90/02/05. MURLEY, T., SNIEZEK, J. NRC - No Detailed Affiliation Given. MIRAGLIA, F. Associate Director for Inspection & Technical Assessment (Post 870411). 2pp. 52593:184-52593:185.

**9002280225** FOIA request for internal NRC rept of Mar 1989 re mgt personnel of Baltimore Gas & Electric Co.  
BURGER, K.A. Maryland, State of. 90/02/05. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52727:121-52727:124.

**-9002280234** Requests waiver of fee for FOIA request for records re senior mgt meetings for facility.  
BURGER, K.A. Maryland, State of. 89/10/13. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52727:123-52727:124.

**9002140062** Advises that fee for reactor applications & topical repts do not need to be submitted w/application, per revised 10CFR170. Check previously remitted w/900124 request for exemption from 10CFR50, App R.  
WEISS, D. License Fee & Debt Collection Branch (Post 890827). 90/02/06. TIERNAN, J.A. Baltimore Gas & Electric Co. 1p. 52650:268-52650:268.

**9002220548** Notification of 900215 meeting w/util in Rockville, MD to discuss current low temp overpressure protection sys.  
MCDONALD, D.G. Project Directorate I-1. 90/02/13. MURLEY, T., SNIEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given. 3pp. 52683:144-52683:146.

**9002230245** Requests temporary relief from valve testing requirements of ASME Boiler & Pressure Vessel Code, Section XI. Util determined that some calculated setpoints may be in error. No alternate testing planned.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52701:206-52701:208.

**9002230241** Forwards addl info re ASME Pump Relief Request 6 & Valve Relief Request SI-4, per NRC 900112 request concerning review of second 10-yr inservice test program plan.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 7pp. 52701:352-52701:358.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002090202** Advises that independent verification insp scheduled at Unit 2 on 900108-19 using NRC mobile NDE facility & contractor technician under NRC direction. Insp will cover plant mods, util inservice insp program & repairs to pressurizer.  
DURR, J.P. Region 1, Ofc of the Director. 89/12/29. CREEL, G.C. Baltimore Gas & Electric Co. 5pp. 52599:299-52599:303.

**9002140210** Forwards safety evaluation accepting util second 10-yr interval insp program plan. Technical evaluation rept also encl.  
CAPRA, R.A. Project Directorate I-1. 90/01/11. CREEL, G.C. Baltimore Gas & Electric Co. 4pp. 52653:067-52653:109.

**-9002140215** Safety evaluation accepting util second 10-yr interval inservice insp program plan. Program plan should be upgraded to include volumetric & surface exams of representative sampling of Class 2 piping welds.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/11. 5pp. 52653:071-52653:075.

**-9002140225** "Second 10-Yr Interval Inservice Insp Program: BG&E, Calvert Cliffs Nuclear Power Plant, Units 1 & 2," technical evaluation rept.  
BROWN, B.W., MUDLIN, J.D. EG&G Idaho, Inc. (subs. of EG&G, Inc.). BROWN, B.W. Idaho National Engineering Laboratory, FIN D-6022. EGG-MS-8403. 89/07/31. NRC - No Detailed Affiliation Given. 34pp. 52653:076-52653:109.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310117** Ack receipt of 891206 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-317/89-24 & 50-318/89-25.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/19. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52512:186-52512:192.

**9001310259** Forwards Exam Repts 50-317/89-28OL & 50-318/89-29OL administered on 891204-06.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/22. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52511:206-52512:042.

**-9001310262** Exam Repts 50-317/89-28OL & 50-318/89-29OL on 891204-07. Exam results: all senior reactor operators passed exam & one reactor operator failed simulator portion of operating exam.  
PRELL, J.A., ESELGROTH, P.W. Region 1, Ofc of the Director. 90/01/18. 185pp. 52511:208-52512:042.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002080122** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Licensee currently cleans & inspects saltwater intake structures during each refueling outage.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 15pp. 52593:340-52594:011.

**9002080373** Forwards Readiness Assessment Team Insp Rept 50-317/89-81 on 891107-20. Team found improvements in all areas & overall performance at level to provide adequate assurance of safe operation w/exception of safety tagging.  
KANE, W.F. Region 1, Ofc of the Director. 90/01/29. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52613:122-52613:189.

**-9002080378** Readiness Assessment Team Insp Rept 50-317/89-81 on 891107-20. Major areas inspected: procedure usage, control of plant status & activities & safety tagging & equipment control. Team found improvements in all areas of insp.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/01/23. 65pp. 52613:125-52613:189.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002070316** Forwards Insp Repts 50-317/89-30 & 50-318/89-31 on 891218-22. No violations noted. Weaknesses noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/01/30. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52592:291-52592:300.

**-9002070319** Insp Repts 50-317/89-30 & 50-318/89-31 on 891218-22. No violations noted. Major areas inspected: organization, staffing, QA audits of engineering, plant mods & technical training & mgt support.  
GRAY, E.H., MOY, D.T., STROSNIDER, J.R. Region 1, Ofc of the Director. 90/01/29. 8pp. 52592:293-52592:300.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

## 78 DOCKETED ITEMS

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002140209** Confirmatory Action Ltr CAL-89-08, Suppl 1, confirming util commitment to performance of certain activities prior to restart of either unit. Understands that util will take listed actions.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/02/01. CREEL,G.C. Baltimore Gas & Electric Co. 3pp. 52648:356-52648:358.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matts Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160174** Forwards Safeguards Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 & notice of violation.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/05. COSS,H.D. Baltimore Gas & Electric Co. 3pp. 52658:165-52658:180.

**-9002180175** Notice of violation from insp on 900108-12. Violations noted: security force members vision not tested for field of vision or glaucoma.  
\* Region 1, Ofc of the Director. 90/02/05. 1p. 52658:168-52658:168.

**-9002180178** Partially withheld Physical Security Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 (ref 10CFR73.21). Violations noted: Major areas inspected: mgt effectiveness & support program plans & vital area physical barriers.  
DELLA RATTIA,A. LANCASTER,W.K., KEIMIG,R.R. Region 1, Ofc of the Director. 90/02/01. 12pp. 52658:169-52658:180.

**9002220558** Responds to violations noted in Insp Repts 50-317/89-23 & 50-318/89-23. Corrective actions: commitment mgt sys in place to track commitments site wide & ensure changes to emergency procedures made in timely manner.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52683:329-52683:331.

### S. Reportable occurrences, LERs & related correspondence

**9001300183** LER 89-023-00: on 891220, determined that reportable condition existed as result of plant configuration that could potentially result in unavailability of both safety-related svc water subsys. Cause being investigated. W/900119 ltr.  
POCHE,R.J., RUSSELL,L.B. Baltimore Gas & Electric Co. 90/01/19. 6pp. 52494:064-52494:069.

**9002160170** LER 90-001-00: on 891221, discovered that acoustic indications for one PORV & one safety valve were reversed during surveillance test. Caused by personnel error. Swapped leads restored to proper configuration. W/900208 ltr.  
GROSS,K.W., DENTON,R.E. Baltimore Gas & Electric Co. 90/02/08. 6pp. 52654:099-52654:104.

### V. Operator Examinations

**9002140266** Forwards revised NRC Forms 396 & 398, certification of medical exam & personal qualifications statement, respectively.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. CREEL,G.C. Baltimore Gas & Electric Co. 8pp. 52679:075-52679:082.

**9001310259** Forwards Exam Repts 50-317/89-28OL & 50-318/89-29OL administered on 891204-06.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/22. CREEL,G.C. Baltimore Gas & Electric Co. 2pp. 52511:206-52512:042.

**-9001310262** Exam Repts 50-317/89-28OL & 50-318/89-29OL on 891204-07. Exam results: all senior reactor operators passed exam & one reactor operator failed simulator portion of operating exam.  
PRELL,J.A., ESELGROTH,P.W. Region 1, Ofc of the Director. 90/01/18. 185pp. 52511:208-52512:042.

**9002140125** Discusses generic fundamentals exam section, per Generic Ltr 89-17 re planned administrative changes to NRC operator licensing written exam process. Listed registration & exam guidelines must be followed based on feedback received.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. CREEL,G.C. Baltimore Gas & Electric Co. 8pp. 52648:259-52648:266.

**9002070023** Confirms 900507 written exams & 900508-11 operating exams for reactor operator & senior reactor operator. Util should submit ref mail listed in Encl 1 by 900507 in order to meet schedule.  
ESELGROTH,P.W. Region 1, Ofc of the Director. 90/01/26. CREEL,G.C. Baltimore Gas & Electric Co. 11pp. 52592:160-52592:170.

### Y. Dry Cask Independent Spent Fuel Storage Installations

**9002070200** Summary of 900123 meeting w/util in Rockville, MD re license application for dry spent fuel storage under 10CFR72 at plant. List of attendees & licensee hand-out encl.  
STURZ,F. Fuel Cycle Safety Branch. 90/02/01. SJOBLUM,G. Fuel Cycle Safety Branch. 15pp. 52593:074-52593:088.

## DOCKET 50-318 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 2

### F. Security, medical, emergency & fire protection plans

**9002090036** Rev 12 to emergency response plan.  
\* Baltimore Gas & Electric Co. 89/12/21. 90pp. 52614:307-52615:036.

**9002020122** Revised ERPIPs, consisting of Change 5 to Rev 11 to ERPIP 4.1.3 & 4.1.4, Change 3 to Rev 11 to ERPIP 4.1.21 & to Rev 1 to ERPIP 4.1.33 & Change 1 to Rev 15 to ERPIP B.1.  
LEMONS,J.R., USI,A.A., RUSSELL,L.B. Baltimore Gas & Electric Co. 90/01/12. 48pp. 52539:162-52539:212.

**9002020190** Revised EPIPs, including Chapter 6 to Rev 12 to EPIP 4.1.17, Chapter 4 to Rev 2 to EPIP 4.1.29 & Chapter 3 to Rev 1 to EPIP 4.1.30. Privacy info deleted.  
\* Baltimore Gas & Electric Co. 90/01/12. 13pp. 52524:102-52524:114.

**9002020196** Sanitized ERPIPs, consisting of Rev 38 to ERPIP A.1, "Emergency Organization" & Change 7 to Rev 3 to ERPIP A.2, Pages 5 through 10.  
USI,A.A., RUSSELL,L.B., LEMONS,J.R. Baltimore Gas & Electric Co. 90/01/12. 30pp. 52539:226-52539:255.

**9001310528** Advises that 890313 Rev 4 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable. Encl withheld (ref 10CFR73.21).  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/22. COSS,H.D. Baltimore Gas & Electric Co. 3pp. 52498:131-52498:133.

**9002050008** Requests exemption to provide temporary relief from requirements of 10CFR59, App R, Section III.J, "Emergency Lighting" & advises that addl time necessary to install 8 h emergency lighting to assure illumination of areas.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/01/24. Document Control Branch (Document Control Desk). 5pp. 52548:166-52548:170.

**9002060331** Expresses appreciation for volunteering to participate in emergency response data sys.  
JOLICOEUR,J.R. Incident Response Branch. 90/01/30. FORGETTE,T.E. Baltimore Gas & Electric Co. 65pp. 52558:012-52558:076.

**9002160174** Forwards Safeguards Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 & notice of violation.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/05. COSS,H.D. Baltimore Gas & Electric Co. 3pp. 52658:165-52658:180.

**-9002160175** Notice of violation from insp on 900108-12. Violations noted: security force members vision not tested for field of vision or glaucoma.  
\* Region 1, Ofc of the Director. 90/02/05. 1p. 52658:168-52658:168.

**-9002160178** Partially withheld Physical Security Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 (ref 10CFR73.21). Violations noted: Major areas inspected: mgt effectiveness & support program plans & vital area physical barriers.  
DELLA RATTIA,A. Region 1, Ofc of the Director. 90/02/01. 12pp. 52658:169-52658:180.

**9002140062** Advises that fee for reactor applications & topical repts do not need to be submitted w/application, per revised 10CFR170. Check previously remitted w/900124 request for exemption from 10CFR50, App R.  
WEISS,D. License Fee & Debt Collection Branch (Post 890827). 90/02/06. TIERNAN,J.A. Baltimore Gas & Electric Co. 1p. 52650:268-52650:268.

**9002220558** Responds to violations noted in Insp Repts 50-317/89-23 & 50-318/89-23. Corrective actions: commitment mgt sys in place to track commitments site wide & ensure changes to emergency procedures made in timely manner.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52683:329-52683:331.

### P. Operating license stage documents & correspondence

**9001290150** Forwards request for addl info re 891220 proposed Tech Spec amend re HPSI pump operability in Mode 3. Prompt response requested to support review schedule.  
MCDONALD,D.G. Project Directorate I-1. 90/01/22. CREEL,G.C. Baltimore Gas & Electric Co. 3pp. 52468:149-52468:151.

**9002050007** Forwards info re commitment implementation assessment project objectively assessing how effectively util historically identified, implemented & maintained commitments made to NRC.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/01/25. RUSSELL,W.T. NRC - No Detailed Affiliation Given. 7pp. 52542:041-52542:047.

**9002080122** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Licensee currently cleans & inspects saltwater intake structures during each refueling outage.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 15pp. 52593:340-52594:011.

**9002060291** Advises that, effective on 900128, DG McDonald assigned as project manager for facilities.  
CAPRA,R.A. Project Directorate I-1. 90/01/30. CREEL,G.C. Baltimore Gas & Electric Co. 2pp. 52555:172-52555:173.

**9002070116** Submits correction to 891127 response to Generic Ltr 89-21 re status of USI A-11 concerning Charpy upper shelf energy. Status of USI A-11 should read "NC, CCNPP Charpy upper shelf energy is not less than 50-ft pounds."  
CREEL,G.C. Baltimore Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52592:157-52592:157.

**9002080116** Responds to Generic Ltr 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants." Formal program to ensure that boric acid corrosion does not lead to increase in abnormal leakage implemented.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52594:133-52594:134.

**9002120083** Requests review & approval of temporary change to QA program description reflected in encl marked-up FSAR pages. Change covers Table 1B-1 re util position on guidance contained in ANSI stds.  
CREEL,G.C. Baltimore Gas & Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 7pp. 52631:001-52631:007.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002070294** Advises that licensee 891031 response to Generic Ltr 89-20, "Individual Plant Exams," acceptable. Util encouraged to submit exam results on shorter schedule to help avoid delays & expected backlog.  
MCDONALD, D.G. Project Directorate I-1. 90/02/01. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52604:212-52604:214.

**9002080369** Submits daily highlight on 900102, Suppl 1 to Confirmatory Action Ltr CAL-RI/89-08 issued to licensee, confirming licensee 900125 commitment to complete commitment implementation assessment project.  
MCDONALD, D.G. Project Directorate I-1. 90/02/05. MURLEY, T., SNIJEZEK, J. NRC - No Detailed Affiliation Given. MIRAGLIA, F. Associate Director for Inspection & Technical Assessment (Post 870411). 2pp. 52593:184-52593:185.

**9002280225** FOIA request for internal NRC rept of Mar 1989 re mgt personnel of Baltimore Gas & Electric Co.  
BURGER, K.A. Maryland, State of. 90/02/05. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52727:121-52727:124.

**-9002280234** Requests waiver of fee for FOIA request for records re senior mgt meetings for facility.  
BURGER, K.A. Maryland, State of. 89/10/13. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52727:123-52727:124.

**9002140062** Advises that fee for reactor applications & topical repts do not need to be submitted w/application, per revised 10CFR170. Check previously remitted w/900124 request for exemption from 10CFR50, App R.  
WEISS, D. License Fee & Debt Collection Branch (Post 890827). 90/02/06. TIERNAN, J.A. Baltimore Gas & Electric Co. 1p. 52650:268-52650:268.

**9002220546** Notification of 900215 meeting w/util in Rockville, MD to discuss current low temp overpressure protection sys.  
MCDONALD, D.G. Project Directorate I-1. 90/02/13. MURLEY, T., SNIJEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given. 3pp. 52683:144-52683:146.

**9002230245** Requests temporary relief from valve testing requirements of ASME Boiler & Pressure Vessel Code, Section XI. Util determined that some calculated setpoints may be in error. No alternate testing planned.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52701:206-52701:208.

**9002230241** Forwards addl info re ASME Pump Relief Request 6 & Valve Relief Request SI-4, per NRC 900112 request concerning review of second 10-yr inservice test program plan.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 7pp. 52701:352-52701:358.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002090202** Advises that independent verification insp scheduled at Unit 2 on 900108-19 using NRC mobile NDE facility & contractor technician under NRC direction. Insp will cover plant mods, util inservice insp program & repairs to pressurizer.  
DURR, J. Region 1, Ofc of the Director. 89/12/29. CREEL, G.C. Baltimore Gas & Electric Co. 5pp. 52599:299-52599:303.

**9002140210** Forwards safety evaluation accepting until second 10-yr interval insp program plan. Technical evaluation rept also encl.  
CAPRA, R.A. Project Directorate I-1. 90/01/11. CREEL, G.C. Baltimore Gas & Electric Co. 4pp. 52653:067-52653:109.

**-9002140215** Safety evaluation accepting until second 10-yr interval inservice insp program plan. Program plan should be upgraded to include volumetric & surface exams of representative sampling of Class 2 piping welds.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/11. 5pp. 52653:071-52653:075.

**-9002140225** "Second 10-Yr Interval Inservice Insp Program: BG&E, Calvert Cliffs Nuclear Power Plant, Units 1 & 2" technical evaluation rept.  
BROWN, B.W., MUDLIN, J.D. EG&G Idaho, Inc. (subs. of EG&G, Inc.). BROWN, B.W. Idaho National Engineering Laboratory. FIN D-6022. EGG-MS-8403. 89/07/31. NRC - No Detailed Affiliation Given. 34pp. 52653:076-52653:109.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310117** Ack receipt of 891206 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-317/89-24 & 50-318/89-25.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/19. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52512:186-52512:192.

**9001310259** Forwards Exam Repts 50-317/89-28OL & 50-318/89-29OL administered on 891204-06.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/22. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52511:206-52512:042.

**-9001310262** Exam Repts 50-317/89-28OL & 50-318/89-29OL on 891204-07. Exam results: all senior reactor operators passed exam & one reactor operator failed simulator portion of operating exam.  
PRELL, J.A. Region 1, Ofc of the Director. 90/01/18. 185pp. 52511:208-52512:042.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002080122** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Licensee currently cleans & inspects saltwater intake structures during each refueling outage.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 15pp. 52593:340-52594:011.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002070316** Forwards Insp Repts 50-317/89-30 & 50-318/89-31 on 891218-22. No violations noted. Weaknesses noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/01/30. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52592:291-52592:300.

**-9002070319** Insp Repts 50-317/89-30 & 50-318/89-31 on 891218-22. No violations noted. Major areas inspected: organization, staffing, QA audits of engineering, plant mods & technical training & mgt support.  
GRAY, E.H., MOY, D.T., STROSNIDER, J.R. Region 1, Ofc of the Director. 90/01/29. 8pp. 52592:293-52592:300.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002140209** Confirmatory Action Ltr CAL-89-08, Suppl 1, confirming util commitment to performance of certain activities prior to restart of either unit. Understands that util will take listed actions.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/01. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52648:356-52648:358.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160174** Forwards Safeguards Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 & notice of violation.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/05. COSS, H.D. Baltimore Gas & Electric Co. 3pp. 52658:185-52658:180.

**-9002160175** Notice of violation from insp on 900108-12. Violations noted: security force members vision not tested for field of vision or glaucoma.  
\* Region 1, Ofc of the Director. 90/02/05. 1p. 52658:168-52658:168.

**-9002160178** Partially withheld Physical Security Insp Repts 50-317/90-03 & 50-318/90-03 on 900108-12 (ref 10CFR73.21). Violations noted: Major areas inspected: mgt effectiveness & support, program plans & vital area physical barriers.  
DELLA RATTA, A., LANCASTER, W.K., KEIMIG, R.R. Region 1, Ofc of the Director. 90/02/01. 12pp. 52658:169-52658:180.

**9002220558** Responds to violations noted in Insp Repts 50-317/89-23 & 50-318/89-23. Corrective actions: commitment mgt sys in place to track commitments site wide & ensure changes to emergency procedures made in timely manner.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52683:329-52683:331.

#### S. Reportable occurrences, LERs & related correspondence

**9002020275** LER 89-022-00: on 891227, core alterations performed w/only one of two containment vent valves closed, violating Tech Specs. Caused by procedural deficiency. Surveillance test procedure revised to include deleted valves. W/900126 ltr.  
SLY, C.D., RUSSELL, L.B. Baltimore Gas & Electric Co. 90/01/26. 7pp. 52536:057-52536:063.

#### V. Operator Examinations

**9002140266** Forwards revised NRC Forms 396 & 398, certification of medical exam & personal qualifications statement, respectively.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. CREEL, G.C. Baltimore Gas & Electric Co. 8pp. 52678:075-52679:082.

**9001310259** Forwards Exam Repts 50-317/89-28OL & 50-318/89-29OL administered on 891204-06.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/22. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52511:206-52512:042.

**-9001310262** Exam Repts 50-317/89-28OL & 50-318/89-29OL on 891204-07. Exam results: all senior reactor operators passed exam & one reactor operator failed simulator portion of operating exam.  
PRELL, J.A., ESELGROTH, P.W. Region 1, Ofc of the Director. 90/01/18. 185pp. 52511:208-52512:042.

**9002140125** Discusses generic fundamentals exam section, per Generic Ltr 89-17 re planned administrative changes to NRC operator licensing written exam process. Listed registration & exam guidelines must be followed based on feedback received.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. CREEL, G.C. Baltimore Gas & Electric Co. 8pp. 52648:259-52648:266.

**9002070023** Confirms 900507 written exams & 900508-11 operating exams for reactor operator & senior reactor operator. Util should submit ref matl listed in Encl 1 by 900507 in order to meet schedule.  
ESELGROTH, P.W. Region 1, Ofc of the Director. 90/01/26. CREEL, G.C. Baltimore Gas & Electric Co. 11pp. 52592:160-52592:170.

## 80 DOCKETED ITEMS

### Y. Dry Cask Independent Spent Fuel Storage Installations

**9002070200** Summary of 900123 meeting w/util in Rockville, MD re license application for dry spent fuel storage under 10CFR72 at plant. List of attendees & licensee hand-out encl.  
STURZ, F. Fuel Cycle Safety Branch. 90/02/01. SJOBLUM, G. Fuel Cycle Safety Branch. 15pp. 52593:074-52593:088.

### DOCKET 50-320 THREE MILE ISLAND NUCLEAR STATION, UNIT 2

#### H. General correspondence

**9002020157** Requests distribution list for facility correspondence be updated to reflect organizational changes by deleting TF Demmitt, S Levin & JB Lieberman & adding IH Jolles.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/18. Document Control Branch (Document Control Desk). 1p. 52546:279-52546:279.

**9002080332** Approves Proposed Rev 22 to TMI-2 organization plan. Proposed rev eliminates defueling & engineering depts & includes remaining engineering functions within engineering section of site operations dept. Revised organization chart encl.  
STOLZ, J.F. Project Directorate I-4. 90/02/02. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 4pp. 52608:347-52608:350.

#### P. Operating license stage documents & correspondence

**9001300264** Forwards response to 891212 request for addl info re defueling completion rept. Responses to questions re post-defueling monitored storage safety analysis rept will be forwarded.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/17. Document Control Branch (Document Control Desk). 19pp. 52470:287-52470:305.

**9002010417** Forwards Rev 3 to "Defueling Completion Rept." Rept provides rev to criticality safety evaluation for TMI-2 safe fuel mass limit & revised values for amount of residual fuel in auxiliary/fuel handling & reactor bldgs.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/18. Document Control Branch (Document Control Desk). 1p. 52521:320-52522:027.

**-9002010427** Rev 3 to "Defueling Completion Rept."

\* General Public Utilities Corp. - GPU Service Corp. 90/01/18. 67pp. 52521:321-52522:027.

**9001300365** Forwards application for amend to License DPR-73, consisting of Tech Spec Change Request 65, Rev 1.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52490:309-52490:319.

**-9001300367** Application for amend to License DPR-73, consisting of Tech Spec Change Request 65, Rev 1, revising administrative requirements re audits.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/22. 7pp. 52490:312-52490:317.

**-9001300370** Proposed Tech Specs, revising administrative requirements re audits as defined under Section 6.5.3.  
\* General Public Utilities Corp. - GPU Service Corp. 90/01/22. 2pp. 52490:318-52490:319.

**9002060146** Forwards Rev 23 to facility organization plan, submitted in conjunction w/ Tech Spec Change Request 65, Rev 1. Change extends frequency of training & qualification audit to at least once every 24 months.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52569:048-52569:050.

**-9002060148** Rev 23 to TMI-2 organization plan, changing frequency of QA dept audits to once per 24 months.  
\* General Public Utilities Corp. - GPU Service Corp. 90/01/22. 1p. 52569:050-52569:050.

**9002090067** Forwards Amend 36 to License DPR-73 & safety evaluation. Amend revises Tech Spec re staffing requirements for plant safety review group.  
MASNIK, M.T. Project Directorate I-4. 90/01/26. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 5pp. 52626:083-52626:110.

**-9002090068** Amend 36 to License DPR-73, modifying Tech Specs by revising Specs re staffing requirements for TMI-2 safety review group.  
STOLZ, J.F. Project Directorate I-4. 90/01/26. 19pp. 52626:088-52626:106.

**-9002090069** Safety evaluation supporting Amend 36 to License DPR-73.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/26. 4pp. 52626:107-52626:110.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### G. Inspection reports, IE Bulletins & correspondence

**9001300225** Forwards Enforcement Conference Repts 50-320/89-09 & 50-320/89-13 on 891121 & 1204 re violations concerning unplanned occupational exposure of two employees on 890925 & 1128.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/10. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 2pp. 52494:226-52494:231.

**-9001300229** Enforcement Conference Repts 50-320/89-09 & 50-320/89-13 on 891121 & 1204. Major areas discussed: circumstances, evaluations, corrective actions & apparent violations associated w/890925 & 1128 events.  
SHERBINI, S., PASCIAK, W. Region 1, Ofc of the Director. 90/01/10. 4pp. 52494:228-52494:231.

**9002020017** Discusses Insp Rept 50-320/89-09 on 890928 & 1012-13 & forwards notice of violation & proposed imposition of civil penalty. Enforcement conference re 891128 unplanned exposure of technician discussed.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/01/11. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 5pp. 52526:058-52526:065.

**-9002020019** Notice of violation & proposed imposition of civil penalty in amount of \$50,000. Violations noted on 890925, necessary & reasonable surveys not made per listed examples & NRC not notified of 890925 event until 891006.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/01/11. 3pp. 52526:063-52526:065.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002020168** Responds to violations noted in Insp Rept 50-320/89-13. Corrective actions: radiological controls technician access to radiologically controlled areas restricted & training program for radiological workers/supervisors instituted.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/01/25. Document Control Branch (Document Control Desk). 5pp. 52539:272-52539:276.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130063** Forwards Safety Insp Rept 50-320/89-11 on 891021-1231. No unacceptable conditions identified.  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/02/01. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 3pp. 52646:067-52646:132.

**-9002130077** Insp Rept 50-320/89-11 on 891021-1231. No unacceptable conditions identified. Major areas inspected: defueling & decontamination activities, LER followup, housekeeping measures & response to radiological & industrial events.  
YOUNG, F.I. Region 1, Ofc of the Director. 89/01/31. 63pp. 52646:070-52646:132.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230337** Forwards payment of civil penalty in amount of \$50,000, per 900111 ltr.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/02/08. TAYLOR, J.M. NRC - No Detailed Affiliation Given. 1p. 52716:292-52716:292.

**9002220331** Responds to NRC 900111 ltr forwarding notice of violation & proposed imposition of civil penalty in amount of \$50,000. Corrective actions: all matl removed from Decon Flush facility & entire facility decontaminated.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/02/09. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 6pp. 52678:323-52678:328.

#### S. Reportable occurrences, LERs & related correspondence

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### V. Operator Examinations

**9002140279** Forwards revised NRC Forms 396 & 398, personal qualifications statement & certification of medical exam by licensee, respectively.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 8pp. 52655:232-52655:239.

**9002140093** Discusses generic fundamentals exam section, per Generic Ltr 89-17 re planned administrative changes to NRC operator licensing exam process. Listed registration & exam guidelines will be included in next rev of NUREG-1021.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 8pp. 52653:258-52653:265.

### DOCKET 50-321 EDWIN I. HATCH NUCLEAR PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9001310360** Forwards revised NRC 891201 ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25, reflecting correct rept numbers.  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/28. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:046-52514:053.



—9001310374 Corrected ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21)).  
\* Region 2, Ofc of the Director. 89/12/01. HAIRSTON, W.G. Georgia Power Co. 1p. 52514:049-52514:049.

—9001310386 Forwards Insp Repts 50-321/89-26 & 50-366/89-26 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21)).  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/01. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:050-52514:053.

—9001310392 Partially withheld Insp Repts 50-321/89-25 & 50-366/89-25 (ref 10CFR2.790(d) & 73.21)). Violations noted. Major areas inspected: mgt support, security program plans, protected & vital area barriers & detection & assessment aids.  
THOMPSON, D., MCGUIRE, D.R. Region 2, Ofc of the Director. 89/11/20. 1p. 52514:053-52514:053.

9002150343 Advises that portions of rev to 891222 physical security plan inconsistent w/provisions of 10CFR50.54(p). Changes delineated in plan must not be implemented. Plan should be modified per encl comments. Encl withheld (ref 10CFR73.21).  
CLINE, W.E. Region 2, Ofc of the Director. 90/02/01. HAIRSTON, W.G. Georgia Power Co. 3pp. 52656:038-52656:040.

#### H. General correspondence

9002150166 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900208.  
HAIRSTON, W.G. Georgia Power Co. 90/02/07. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52635:308-52635:308.

#### P. Operating license stage documents & correspondence

9001290224 Forwards draft qualified master trust agreement for decommissioning of nuclear plants, for review. Licensees will make contributions to qualified & nonqualified trust as appropriate.  
LAMBERSKI, J., Troutman, Sanders, Lockerman & Ashmore. 90/01/16. WOOD, R.S. NRC - No Detailed Affiliation Given. 38pp. 52469:012-52469:049.

9001310171 Grants permission to use ASME Code Case N-461 during Spring 1990 refueling outage for calibr blocks, thickness measurements & weld joint contours & ultrasonic reflectors, per 891016 request.  
CROCKER, L.P. Project Directorate II-3. 90/01/22. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:014-52514:016.

9001310224 Informs that until 891024 response to Generic Ltr 89-16, "Installation of Hardened Wetwell Vents," acceptable. Backfit analyses will not be performed. Mod schedule should be reevaluated.  
CROCKER, L.P. Project Directorate II-3. 90/01/22. HAIRSTON, W.G. Georgia Power Co. 2pp. 52530:360-52530:361.

9002050243 Forwards Director's Decision DD-89-09 under 10CFR2.206 re BWR design problems. Petition of A Harlowe on behalf of Ecology Ctr of Southern California denied.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/22. HAIRSTON, W.G. Georgia Power Co. 3pp. 52543:002-52543:098.

9001300448 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Util plans to augment existing programs or implement new programs to meet intent of generic ltr.  
HAIRSTON, W.G. Georgia Power Co. 90/01/23. EBNETER, S.D. Region 2, Ofc of the Director. 12pp. 52491:253-52491:264.

9002010006 Advises that individual plant exam approach, methodology & schedule, contained in 891027 ltr, to address Generic Ltr 88-20, acceptable. NRC will accept one submittal for both units at site provided differences addressed in plant exams.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/24. HAIRSTON, W.G. Georgia Power Co. 4pp. 52531:110-52531:113.

9002050272 Application for amends to Licenses DPR-57 & NPF-5, respectively, amending Tech Specs to clarify revised method of suppression pool average temp determination.  
HAIRSTON, W.G. Georgia Power Co. 90/01/26. Document Control Branch (Document Control Desk). 8pp. 52541:337-52541:353.

—9002050274 Proposed Tech Specs, clarifying revised method of suppression pool average temp determination.  
\* Georgia Power Co. 90/01/26. 9pp. 52541:345-52541:353.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

9001310380 Forwards revised NRC 891201 ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25, reflecting correct rept numbers.  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/28. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:046-52514:053.

—9001310374 Corrected ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21)).  
\* Region 2, Ofc of the Director. 89/12/01. HAIRSTON, W.G. Georgia Power Co. 1p. 52514:049-52514:049.

—9001310386 Forwards Insp Repts 50-321/89-26 & 50-366/89-26 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21)).  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/01. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:050-52514:053.

—9001310392 Partially withheld Insp Repts 50-321/89-25 & 50-366/89-25 (ref 10CFR2.790(d) & 73.21)). Violations noted. Major areas inspected: mgt support, security program plans, protected & vital area barriers & detection & assessment aids.  
THOMPSON, D., MCGUIRE, D.R. Region 2, Ofc of the Director. 89/11/20. 1p. 52514:053-52514:053.

9001300496 Forwards Exam Rept 50-321/OL-89-03 administered during wk of 891009-13.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/03. HAIRSTON, W.G. Georgia Power Co. 2pp. 52496:013-52496:206.

—9001300503 Exam Rept 50-321/OL-89-03 on 891009-13. Exam results: written exams & operating tests administered to two senior reactor operator applicants & 11 reactor operator applicants. All applicants passed exams. W/one oversize encl.  
RAPP, C.W., MUNRO, J.F. Region 2, Ofc of the Director. 90/01/03. 192pp. 52496:015-52496:206.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290198 Ack receipt of 900102 response to 891201 notice of violation re Insp Repts 50-321/89-25 & 50-366/89-25. Violations stem from multiple causes, including failure to follow adequate procedures & to maintain adequate tests.  
CLINE, W.E. Region 2, Ofc of the Director. 90/01/18. HAIRSTON, W.G. Georgia Power Co. 3pp. 52469:087-52469:088.

9001300449 Ack receipt of 900102 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/89-30 & 50-366/89-30.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/19. HAIRSTON, W.G. Georgia Power Co. 2pp. 52475:014-52475:015.

9001310271 Forwards Insp Repts 50-321/89-33 & 50-366/89-33 on 891125-900105. Violations noted but not cited.  
HERDT, A.R. Region 2, Ofc of the Director. 90/01/19. HAIRSTON, W.G. Georgia Power Co. 3pp. 52501:345-52501:361.

—9001310273 Insp Repts 50-321/89-33 & 50-366/89-33 on 891125-900105. Noncited violations noted. Major areas inspected: operational safety verification, maint observation, surveillance testing observation, ROs, fitness for duty & reactor startup.  
MENNING, J.E., MUSSER, R.A., BROCKMAN, K.E. Region 2, Ofc of the Director. 90/01/19. 14pp. 52501:348-52501:361.

9002090201 Ack receipt of 900110 response to SALP Repts 50-321/89-22 & 50-366/89-22 for Jul 1988 - Sept 1989. No formal changes to Initial SALP rept warranted. Results of rept discussed at 891213 meeting. W/Meeting summary & slides & errata packages.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. HAIRSTON, W.G. Georgia Power Co. 37pp. 52599:134-52599:175.

—9002090220 Errata to SALP Repts 50-321/89-22 & 50-366/89-22 for Jul 1988 - Sept 1989, consisting of new cover sheet to indicate repts as final & revised Page 5.  
\* Region 2, Ofc of the Director. 90/01/23. 2pp. 52599:174-52599:175.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Mat Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSP Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9002090326 Responds to NRC 900102 ltr re violations noted in Insp Repts 50-321/89-28 & 50-366/89-28. Corrective actions: deficiency card documenting event initiated as required by plant procedures.  
HAIRSTON, W.G. Georgia Power Co. 90/01/31. Document Control Branch (Document Control Desk). 6pp. 52615:037-52615:042.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52558:238-52558:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### R. Periodic operating reports & related correspondence

9002220238 Monthly operating repts for Jan 1990 for El Hatch Units 1 & 2. W/900212 ltr.  
BEARD, R.M., HAIRSTON, W.G. Georgia Power Co. 90/01/31. 11pp. 52683:006-52683:016.

#### S. Reportable occurrences, LERs & related correspondence



## 82 DOCKETED ITEMS

**9001300439** LER 90-001-00: on 900104, HPCI pump declared inoperable due to rated flow not maintained during surveillance testing. Caused by component failure. Defective resistor replaced & Procedure 34SV-E41-002-1S performed. W/ 900122 ltr. TIPPES, S.B., HAIRSTON, W.G. Georgia Power Co. 90/01/22. 6pp. 52494:145-52494:150.

**9001310137** PNO-II-90-010: on 900123, personnel identified w/low level external contamination to hands & feet. All personnel successfully decontaminated & released. BROCKMAN, K. Region 2, Ofc of the Director. 90/01/24. 1p. 52504:139-52504:139.

### V. Operator Examinations

**9001300496** Forwards Exam Rept 50-321/OL-89-G3 administered during wk of 891009-13. PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/03. HAIRSTON, W.G. Georgia Power Co. 2pp. 52496:013-52496:206.

**-9001300503** Exam Rept 50-321/OL-89-03 on 891009-13. Exam results: written exams & operating tests administered to two senior reactor operator applicants & 11 reactor operator applicants. All applicants passed exams. W/one oversize encl. RAPP, C.W., MUNRO, J.F. Region 2, Ofc of the Director. 90/01/03. 192pp. 52496:015-52496:206.

### DOCKET 50-322 SHOREHAM NUCLEAR POWER STATION

#### H. General correspondence

**9002050360** Responds to 900109 ltr to Carr forwarding article in New York Times raising concerns on evacuation plans for facility. Directors findings re Shoreham emergency preparedness encl. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/29. HOLMES, L.G. Affiliation Not Assigned. 12pp. 52584:065-52584:077.

**-9002060159** Forwards author editorial opinion which appeared in Long Island edition of New York Times on 891126. Concerns raised that individuals responsible for making key decisions re safety & evacuation never visited Eastern Long Island. HOLMES, L.G. Affiliation Not Assigned. 90/01/09. CARR, K.M. Commissioners. 1p. 52584:077-52584:077.

**9002230458** Responds to 900124 ltr re status of plant. Plant currently defueled & util requested amends to OL to eliminate offsite emergency organization & to relinquish operating authority. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/16. SENSENBRENNER House of Rep. 4pp. 52709:254-52709:258.

**-9002230463** Requests status rept on facility in response to constituent F Klein request. SENSENBRENNER House of Rep. 90/01/24. KAMMERER, C. NRC - No Detailed Affiliation Given. 1p. 52709:258-52709:258.

#### P. Operating license stage documents & correspondence

**9002070320** Responds to Generic Ltr 89-10, "Safety-Related Motor-Operated Valve Testing & Surveillance." Util intends to indefinitely defer implementation of generic ltr recommendations & requirements for plant. STEIGER, W.E. Long Island Lighting Co. 90/01/30. Document Control Branch (Document Control Desk). 4pp. 52594:105-52594:108.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002160127** Forwards Amend 2 to License NPF-82 & safety evaluation. Amend deletes Figure 6.2.1-1, "Corporate Nuclear Organization" & Figure 6.2.2-1, "United Organizations" from Tech Specs per Generic Ltr 88-06. BUTLER, W.R. Project Directorate I-2. 90/02/01. STEIGER, W.E. Long Island Lighting Co. 4pp. 52679:174-52679:198.

**-9002160130** Amend 2 to License NPF-82, deleting Figure 6.2.1-1, "Corporate - Nuclear Organization" & Figure 6.2.2-1, "United Organizations" from Tech Specs per Generic Ltr 88-06. BUTLER, W.R. Project Directorate I-2. 90/02/01. 18pp. 52679:178-52679:195.

**-9002160132** Safety evaluation supporting Amend 2 to License NPF-82. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/01. 3pp. 52679:196-52679:198.

**9002220049** Litigation Rept 1990-08 re Shoreham-Wading River Central School District & Scientists & Engineers for Secure Energy, Inc vs NRC dismissed on 900122 for lack of reviewable final order. CORDES, J.F. Solicitor (Post 860701). SECY-90-044. 90/02/09. 4pp. 52671:063-52671:066.

#### Q. Inspection reports, IE Bulletins & correspondence

**8911020005** Forwards draft NUREG/CR-5404, "Auxiliary Feedwater Sys Aging Study Vol 1: Operating Experience & Current Monitoring Practices" & final "Shoreham Nuclear Power Station PRA-Based Sys Insp Plans." W/o draft NUREG/CR-5404. LONG, S.M. Risk Applications Branch. 89/10/31. LANHAM, D. NRC - No Detailed Affiliation Given. 1p. 52684:001-52684:149.

**-8911140137** "Shoreham Nuclear Power Station PRA-Based Sys Insp Plans." FRESCO, A., HIGGINS, J., FULLWOOD, R. Brookhaven National Laboratory. FIN A-3453. 87/06/31. Region 1, Ofc of the Director. 147pp. 52684:003-52684:149.

**9001300496** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-08 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### R. Periodic operating reports & related correspondence

**9002230053** Monthly operating rept for Jan 1990 for Shoreham Nuclear Power Station Unit 1. W/900206 ltr. PAULY, R., NOTARO, J.A. Long Island Lighting Co. 90/01/31. 5pp. 52709:250-52709:253.

#### S. Reportable occurrences, LERs & related correspondence

**9002220204** LER 90-001-00: on 900117, unplanned actuation of ESF reactor bldg stand-by ventilation sys B occurred, causing interlocking relays in control circuits to deenergize. Caused by transient voltage dip. Procedures re bus loads modified. W/ 900209 ltr. SCHNAARS, G.D., NOTARO, J.A. Long Island Lighting Co. 90/02/09. 6pp. 52679:012-52679:016.

#### V. Operator Examinations

**9002140287** Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised form by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. STEIGER, W.E. Long Island Lighting Co. 8pp. 52653:199-52653:206.

**9002140105** Discusses generic fundamentals exam section of written operator licensing exam, per Generic Ltr 89-17. Exam section will consist of 100 multiple choice questions w/passing score set at 80%. Exam registration form encl. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. STEIGER, W.E. Long Island Lighting Co. 8pp. 52655:148-52655:155.

**9002070173** Informs of resignation of J Johnson & expiration of Reactor Operator License 10480, effective on 900101. STEIGER, W.E. Long Island Lighting Co. 90/01/31. Document Control Branch (Document Control Desk). 1p. 52612:305-52612:305.

### DOCKET 50-323 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9002220133** Forwards public version of Rev 7 to corporate ERPIP update. WOMACK, L.F. Pacific Gas & Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52668:072-52668:296.

**-9002220138** Public version of Rev 7 to corporate ERPIP update. \* Pacific Gas & Electric Co. 89/12/30. 63pp. 52668:076-52668:138.

**-9002220143** Public version of Rev 9 to Corporate ERPIP 1.1, Rev 8 to Corporate ERPIP 1.1 & Rev 5 to corporate ERPIP. \* Pacific Gas & Electric Co. 90/01/01. 158pp. 52666:139-52666:296.

**9002220106** Forwards public version of revised EPIPs, including Rev 17 to EP M-1 & EP M-8 & Rev 13 to EP G-2S1. W/900215 release memo. WOMACK, L.F. Pacific Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 4pp. 52682:069-52683:005.

—9002220109 Public version of revised EPIPs, including Rev 17 to EP M-1 & EP M-6 & Rev 13 to EP G-2S1.  
\* Pacific Gas & Electric Co. 90/01/30. 293pp. 52682:073-52683:005.

#### G. Adjudicatory correspondence

9002120351 Requests partial stay of Commission final rule & statement of policy re fitness for duty as applied to certain employees at plant, pending review of matter in US Ninth Circuit Court of Appeals.  
DALZELL, T. International Brotherhood of Electrical Workers. #190 9801. 90/02/02.  
CHILK, S.J. Office of the Secretary of the Commission. JULIAN, E. Docketing & Services Branch. 2pp. 52571:348-52571:349.

9002080049 Order.\* Confirms that licensee & NRC will provide responses by C.O.B. on 900208 & 12, respectively, to matter involving NRC fitness for duty rule 10CFR26.1.W/ Certificate of Svc. Served on 900205.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9787. 90/02/05. Office of the General Counsel (Post 860701). 2pp. 52537:106-52537:107.

9002120337 Requests that Commission immediately order PG&E to refrain from conducting random drug testing until NRC &/or US Court of Appeals for Ninth Circuit rules on requests for stay.

NATHAN, S.N. Neyhart, Anderson, Nussbaum, Reilly & Freitas. #190 9804. 90/02/06.  
CHILK, S.J. Office of the Secretary of the Commission. JULIAN, E. Docketing & Services Branch. 2pp. 52572:197-52572:198.

9002150045 PG&E response in opposition to application for stay.\* Stay of random drug testing under NRC fitness for duty rule should be denied on basis of untimeliness & challenge having no merit.W/proof of svc.  
WHELAN, M.D. Pacific Gas & Electric Co. #190 9817. 90/02/08. Commissioners. 11pp. 52606:286-52606:296.

9002150113 NRC Staff response to 900205 Commission order.\* Commission should treat plaintiff 900202 ltr as exemption request but not grant exemption from 10CFR26.24(a)(2)W/supporting info & Certificate of Svc.  
BODENICK, B.M. Assistant General Counsel for Hearings & Enforcement. #190 9841. 90/02/12. Commissioners. 45pp. 52606:310-52606:356.

#### J. Insurance & Indemnity Information

9002220832 Forwards listed endorsements to listed policies & certificates, including Endorsements 69, 39 & 117 to NELA Policies NF-228, NF-103 & NF-113, respectively & Endorsements 6 to MAELU Policies MW-73 & MW-135.  
LOCKER, R.F. Pacific Gas & Electric Co. 90/02/07. DINITZ, I. NRC - No Detailed Affiliation Given. 13pp. 52689:140-52689:152.

#### P. Operating license stage documents & correspondence

9002220174 Forwards update of plant drawings.W/o encl.  
WOMACK, L.F. Pacific Gas & Electric Co. 89/10/31. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52679:270-52679:270.

9002220166 Forwards update of plant drawings.W/o encl.  
WOMACK, L.F. Pacific Gas & Electric Co. 89/11/30. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52679:215-52679:215.

9002220149 Forwards update of plant drawings.W/o encl.  
WOMACK, L.F. Pacific Gas & Electric Co. 89/12/28. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52679:209-52679:209.

9001290197 Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets. Suggested considerations for program attribute definition & training needs for sys engineers listed.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

9001290304 Forwards listed documents, including M Reich 891129 ltr re Task Assignment 17, FIN A-3841 & Ltr Rept-08, "Review of Sys Analysis..." & requests addl info re NRC review of plant long-term seismic program.  
ROOD, H. Project Directorate V. FIN A-3841. 90/01/19. SHIFFER, J.D. Pacific Gas & Electric Co. 4pp. 52473:006-52473:088.

—9001290311 Forwards C Costantino & AS Veletsos repts on comments re plant 891102-03 long-term seismic soil interaction review panel meeting in San Francisco, CA.  
REICH, M. Brookhaven National Laboratory. FIN A-3841. 89/11/29. PICHUMANI, R. NRC - No Detailed Affiliation Given. 9pp. 52473:011-52473:019.

—9001290314 Ltr Rept-08, "Review of Sys Analysis in DCPRA: Electrical Power Sys (Except Diesel Generator & Fuel Transfer Sys)."  
BOZOKI, G., FITZPATRICK, R., SABEK, M. Brookhaven National Laboratory. FIN A-3958. DCPRA-08. 89/12/31. NRC - No Detailed Affiliation Given. 67pp. 52473:020-52473:088.

9002010405 Forwards responses to NRC questions on PRA re plant long-term seismic program & requests ack of receipt of ltr.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/01/23. Document Control Branch (Document Control Desk). 14pp. 52505:013-52505:026.

9002010327 Forwards License Amend Request 90-01 to Licenses DPR-80 & DPR-82, revising Tech Spec 3.4.2.2, "Safety Valves-Operating," & associated bases to allow operation w/ one of three pressurizer safety valves inoperable.  
WALLACE, W.H. Pacific Gas & Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52504:173-52504:190.

—9002010328 Application for amends to Licenses DPR-80 & DPR-82, consisting of License Amend Request 90-01, revising Tech Spec 3.4.2.2, "Safety Valves - Operating" & Bases 3/4.4.2 to allow operation w/ one pressurizer safety valve inoperable.  
WALLACE, W.H. Pacific Gas & Electric Co. 90/01/25. 10pp. 52504:175-52504:184.

—9002010330 Proposed Tech Specs 3.4.2.2, "Safety Valves - Operating" & associated bases to allow operation w/ one pressurizer safety valve inoperable & disabled.  
\* Pacific Gas & Electric Co. 90/01/25. 6pp. 52504:185-52504:190.

9002020082 Forwards proposed changes to Chapter 17 of updated FSAR. Section 17.1 qualification requirement for QA manager experience to be eliminated due to stated reason.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 10pp. 52539:114-52539:123.

9002020035 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to visually inspect auxiliary saltwater intake structure during refueling outages.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 9pp. 52533:251-52533:259.

9002220157 Forwards update of plant drawings.W/o encl.  
WOMACK, L.F. Pacific Gas & Electric Co. 90/01/29. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52683:017-52683:017.

9002090282 Forwards response to request for addl info re License Amend Request 89-15 to revise Tech Spec Table 3.3-6, "Increase Alarm/Trip Setpoint of Spent Fuel Pool Storage Area Radiation Monitor," per NRC 900117 request.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 3pp. 52599:317-52599:319.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300438 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17.  
LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300389 Requests response to stated questions re excess overtime usage w/o appropriate mgt approvals & LER 1-89-17, dtd 900111, within 30 days, per licensee 900102 response to Insp Repts 50-275/89-23 & 50-323/89-23.  
ZIMMERMAN, R.P. Region 5, Ofc of the Director. 90/01/22. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52475:016-52475:032.

9002020040 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," Items 1, 2 & 3. Licensee revised fuel loading procedures prior to Unit 1 refueling to incorporate fuel loading restrictions.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52526:184-52526:186.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002080280 Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking in High Hardness Type 410 Stainless Steel Internal Preloaded Bolting..." Design review identified 25 Velan check valves & 1 Atwood Morrill check valve.  
BRAND, D.A. Pacific Gas & Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 6pp. 52609:080-52609:085.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:082.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002080351 Responds to NRC Bulletin 88-011 & forwards nonproprietary WCAP-12416, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line," & proprietary WCAP-12415. Proprietary rept withheld (ref 10CFR2.790(b)(4)).  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52612:314-52613:121.

—9002080357 Requests that proprietary WCAP-12415, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line," be withheld (ref 10CFR2.790(b)(4)).  
WIESEMANN, R.A. Westinghouse Electric Corp. 89/12/18. MURLEY, T. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 52612:316-52612:325.

—9002080361 Nonproprietary WCAP-12416, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line."  
COSLOW, B.J., MAURER, B.F., MUTYALA, B.R. Westinghouse Electric Corp. WCAP-12416. 89/11/30. 156pp. 52612:326-52613:121.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:236-52556:317.

9002070436 Discusses Insp Repts 50-275/89-29 & 50-323/89-29 on 891120-22 & forwards notice of violation.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/02/02. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52587:180-52587:182.

## 84 DOCKETED ITEMS

—9002070444 Notice of violation from insp on 891120-22. Violations noted: from 880901-890106, licensee assigned individual w/o senior operator license as shift supervisor for on-duty shift.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/02/02. 1p. 52587:182-52587:182.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Mails Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:158-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### R. Periodic operating reports & related correspondence

9002080210 "Annual Summary Rept on Discharge Monitoring at Diablo Canyon Power Plant for 1989." W/900130 ltr.  
TOWNSEND, J.D. Pacific Gas & Electric Co. 89/12/31. LEONARD, W. California, State of. 42pp. 52609:301-52609:343.

9002220474 Monthly operating repts for Jan 1990 for Diablo Canyon Units 1 & 2. W/900215 ltr.  
BEDESEM, P., TOWNSEND, J.D. Pacific Gas & Electric Co. 90/01/31. 10pp. 52696:001-52696:010.

### S. Reportable occurrences, LERs & related correspondence

9002220196 PNO-V-90-006: earthquake of 3.9 magnitude actuated seismic monitoring instrumentation. Moderate earthquake declared & appropriate walkdowns & verifications performed per emergency plan procedures.  
MENDONCA, M., NARBUT, P. Region 5, Ofc of the Director. 90/02/06. 1p. 52682:046-52682:046.

### U. Congressional/Executive Correspondence

9002050024 Discusses RB Clough vs NRC & SA Hiett vs PSE&G challenging random drug testing plans, per NRC fitness for duty rule 10CFR26. Recipient will be kept apprised of developments in cases.  
CORDES, J.F. Solicitor (Post 860701). 90/01/03. BREAU, J.B. Senate, Environment & Public Works. SHARP, P. House of Rep., Environment & Public Works. UDALL, M.K. House of Rep., Interior & Insular Affairs. 10pp. 52542:054-52542:063.

### V. Operator Examinations

9002070436 Discusses Insp Repts 50-275/89-29 & 50-323/89-29 on 891120-22 & forwards notice of violation.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/02/02. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52587:180-52587:182.

—9002070444 Notice of violation from insp on 891120-22. Violations noted: from 880901-890106, licensee assigned individual w/o senior operator license as shift supervisor for on-duty shift.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/02/02. 1p. 52587:182-52587:182.

### DOCKET 50-324 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2

### F. Security, medical, emergency & fire protection plans

9002120084 Rev 31 to PEP-App A, "Emergency Response Resources." W/ undated ltr.  
HARNES, J.L. Carolina Power & Light Co. 90/01/12. 11pp. 52617:293-52617:303.

### P. Operating license stage documents & correspondence

8906020393 Concurs in release of plant PRA to public disclosure.  
LOFLIN, L.I. Carolina Power & Light Co. 89/05/24. Document Control Branch (Document Control Desk). 4pp. 52731:001-52731:009.

—9002220119 Vols 1-3 to "Brunswick Steam Electric Plant Units 1 & 2 PRA."  
\* Carolina Power & Light Co. 88/04/30. 1,912pp. 52731:010-52738:121.

9001290163 Advises that schedule for completion of requisite vent mod for plant by Jan 1993 acceptable. Final schedules should not extend beyond Jan 1993.  
LE, T. Project Directorate II-2. 90/01/23. EURY, L.W. Carolina Power & Light Co. 2pp. 52467:112-52467:113.

9002050034 Forwards info re LLRT of isolation valves in non-LOCA direction, per licensee commitment to provide updated info.  
CUTTER, A.B. Carolina Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 9pp. 52542:005-52542:013.

9002050420 Advises that Tech Specs, discussed in Generic Ltr 88-01, will be sent by 900730.  
LOFLIN, L.I. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52542:150-52542:150.

9002080031 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Visual insp of respective intake structures will be performed during next scheduled refueling outages.  
CUTTER, A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:098-52594:102.

9002080146 Confirms 900130 electronic transfer of second quarterly installment payments of FY90 annual fees.  
LOFLIN, L.I. Carolina Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52589:078-52589:078.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002080341 Forwards notice of withdrawal of 890614 application for amend to License DPR-62 re one-time waiver on performing Type A containment integrated leak rate test during current refueling outage, per 900111 request.  
TOURIGNY, E.G. Project Directorate II-1. 90/02/01. EURY, L.W. Carolina Power & Light Co. 3pp. 52609:006-52609:010.

—9002080344 Notice of withdrawal of 890614 application for amend to License DPR-40 re one-time waiver on performing Type A containment integrated leak rate test during current refueling outage.  
TOURIGNY, E.G. Project Directorate II-1. 90/02/01. 2pp. 52609:009-52609:010.

9002150092 Forwards safety analyses of Tech Spec interpretations resulting from inability to perform Tech Spec requirement due to plant physical configuration.  
CUTTER, A.B. Carolina Power & Light Co. 90/02/02. Document Control Branch (Document Control Desk). 8pp. 52675:116-52675:123.

9002130328 Forwards Amends 139 & 171 to Licenses DPR-71 & DPR-62, respectively & safety evaluation. Amends revise Tech Specs to add footnote to Tables 2.2.1-1 & 3.3.2-2 for adjustment of main steam line radiation monitor trip setpoints.  
LE, N.B. Project Directorate II-1. 90/02/06. EURY, L.W. Carolina Power & Light Co. 2pp. 52644:332-52644:353.

—9002130332 Amends 139 & 171 to Licenses DPR-71 & DPR-62, respectively, adding footnote to Tables 2.2.1-1 & 3.3.2-2 for adjustment of main steam line radiation monitor trip setpoints.  
TOURIGNY, E.G. Project Directorate II-1. 90/02/06. 16pp. 52644:334-52644:349.

—9002130333 Safety evaluation supporting Amends 139 & 171 to Licenses DPR-71 & DPR-62, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 4pp. 52644:350-52644:353.

9002140024 Forwards request for addl info based on review of util 870817 submittal to change expiration dates of OLS. Response requested within 60 days of receipt of ltr.  
MOZAFARI, B. Project Directorate II-1. 90/02/06. EURY, L.W. Carolina Power & Light Co. 4pp. 52653:316-52653:319.

9002130119 Advises that util 900105 response contained in 891102 safety evaluation of DCDR for plant acceptable to open item of reevaluating status of three engineering discrepancies & describing disposition of human engineering discrepancy.  
LE, N.B. Project Directorate II-1. 90/02/07. EURY, L.W. Carolina Power & Light Co. 2pp. 52646:027-52646:028.

### Q. Inspection reports, IE Bulletins & correspondence

9001300154 Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal..." No valves subj to bulletin requirements identified at plants.  
CUTTER, A.B. Carolina Power & Light Co. 90/01/17. Document Control Branch (Document Control Desk). 3pp. 52489:004-52489:006.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:258-52513:258.

9001310127 EN-90-009: on 900126, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued, based on failure to correct deficiencies re svc water sys overtemps of pump motors.  
BAKER, E., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/01/23. 1p. 52514:037-52514:037.

9001310283 Forwards Insp Repts 50-325/89-45 & 50-324/89-45 on 891218-22. Violations identified but not cited.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. EURY, L.W. Carolina Power & Light Co. 3pp. 52498:094-52498:102.

—9001310284 Insp Repts 50-324/89-45 & 50-325/89-45 on 891218-22. Violation re failure to follow parameters of welding procedures specs cited but not noted. No deviations noted. Major areas inspected: welding & nondestructive testing.  
COLEY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/16. 6pp. 52498:097-52498:102.

9002010326 Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-324/89-35 & 50-325/89-35. Severity level assigned to violation will remain as stated in notice of violation.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. EURY, L.W. Carolina Power & Light Co. 2pp. 52531:320-52531:321.

9002050121 Responds to violation noted in Insp Repts 50-324/89-40 & 50-325/89-40. Corrective actions: Plant Mods 89-104 & 89-103 have been installed in Unit 2 & partially installed in Unit 1 & interim operability has been established.  
HARNES, J.L. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52542:030-52542:036.

9002080311 Discusses Insp Repts 50-324/89-34 & 50-325/89-34 & forwards notice of violation & proposed imposition of civil penalty in amount of \$75,000.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/26. EURY, L.W. Carolina Power & Light Co. 5pp. 52593:210-52593:217.

—9002080313 Notice of violation & proposed imposition of civil penalty in amount of \$75,000. Violations noted: plant nuclear safety committee incorrectly concluded that single failure of SW-V106 would not affect sys operability.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/26. 3pp. 52593:215-52593:217.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002070068** Forwards Insp Repts 50-324/90-03 & 50-325/90-03 on 900108-12.No violations or deviations noted.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/29. EURY,L.W. Carolina Power & Light Co. 3pp. 52592:281-52592:290.

**-9002070074** Insp Repts 50-324/90-03 & 50-325/90-03 on 900108-12.No violations noted.Major areas inspected:observation of preservice work & work activities & review of completed radiographs for recirculation sys pipe replacement welds.  
COLEY,J.L., BLAKE,J.J. Region 2, Ofc of the Director. 90/01/25. 7pp. 52592:284-52592:290.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,F.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002140200** Informs that IGSCC insp plans & results will not be submitted for next refueling outage for Unit 1 as previously committed in 890314 ltr & that evaluation & repair plans for flaws will be submitted to NRC prior to startup.  
CUTTER,A.B. Carolina Power & Light Co. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52668:112-52668:113.

**9002130194** Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230397** Forwards Insp Repts 50-324/90-01 & 50-325/90-01 on 900108-12.No violations or deviations noted.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/08. EURY,L.W. Carolina Power & Light Co. 2pp. 52709:211-52709:225.

**-9002230398** Insp Repts 50-324/90-01 & 50-325/90-01 on 900108-12.No violations or deviations noted.Major areas inspected: followup for Diagnostic Evaluation Team findings.  
JAFE,F., PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/08. 13pp. 52709:213-52709:225.

#### R. Periodic operating reports & related correspondence

**9002140240** Monthly operating repts for Jan 1990 for Brunswick Steam Electric Plant Units 1 & 2.W/900202 ltr.  
RUMPLE,R., HARNESS,J.L. Carolina Power & Light Co. 90/01/31. 10pp. 52650:328-52650:337.

#### S. Reportable occurrences, LERs & related correspondence

**9001310375** LER 89-021-00:on 891225,electrical protection assembly output breakers associated w/bus A of reactor protection sys tripped open.Cause of trip unknown.Voltage & frequency output of motor generator A monitored.W/900124 ltr.  
JONES,T.M., HARNESS,J.L. Carolina Power & Light Co. 90/01/24. 4pp. 52521:050-52521:053.

#### V. Operator Examinations

**9002080321** Discusses requalification program evaluation scheduled for wks of 900430 & 0507.NRC reserves right to postpone requalification exams if facility generated matls inadequate for exam preparation.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/24. EURY,L.W. Carolina Power & Light Co. 8pp. 52609:253-52609:260.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

**9002090284** Responds to 891023 ltr for addl info re plant ISFSI matls license application.W/34 oversize proprietary drawings. Drawings withheld.  
LOFLIN,L.I. Carolina Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 21pp. 52609:348-52610:230.

**-9002090291** "Rept of Subsurface Investigation Program Sites 1 & 2 Spent Fuel Storage Modules,Brunswick Nuclear Plant."  
\* Law Engineering. 90/02/01. 47pp. 52610:009-52610:055.

**-9002090297** Rev 7 to Vol 4,Part 10 to Procedure ISFS-003, "Preparation of Dry Shielded Canister for Loading Into Horizontal Storage Module."  
\* Carolina Power & Light Co. 89/07/12. 64pp. 52610:056-52610:119.

**-9002090300** Rev 0 to Procedure PCN-00949E-01, "Analysis for Brunswick Nuclear Project for Offsite/Onsite Dose Assessment."  
HANELL,J.R., WILLIAM,E. Carolina Power & Light Co. 89/07/11. 111pp. 52610:120-52610:230.

**9002070195** Forwards proposed 16-month regulatory schedule for ISFSI at plant.  
BATES,D. Carolina Power & Light Co. 90/02/06. ROBERTS,J. NRC - No Detailed Affiliation Given. 2pp. 52593:058-52593:059.

**9002220649** Forwards Rev B to Drawing F-04315,inadvertently omitted from 900201 submittal & advises that listed drawings mistakenly identified as proprietary instead of nonproprietary.  
LOFLIN,L.I. Carolina Power & Light Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52713:358-52713:360.

#### DOCKET 50-325 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9002120084** Rev 31 to PEP-App A, "Emergency Response Resources." W/ undated ltr.  
HARNESS,J.L. Carolina Power & Light Co. 90/01/12. 11pp. 52617:293-52617:303.

#### P. Operating license stage documents & correspondence

**8906020393** Concurs in release of plant PRA to public disclosure.  
LOFLIN,L.I. Carolina Power & Light Co. 89/05/24. Document Control Branch (Document Control Desk). 4pp. 52731:001-52731:009.

**-9002220119** Vols 1-3 to "Brunswick Steam Electric Plant Units 1 & 2 PRA."  
\* Carolina Power & Light Co. 88/04/30. 1,912pp. 52731:010-52736:121.

**9001290163** Advises that schedule for completion of requisite vent mod for plant by Jan 1993 acceptable.Final schedules should not extend beyond Jan 1993.  
L.E.T. Project Directorate II-2. 90/01/23. EURY,L.W. Carolina Power & Light Co. 2pp. 52467:112-52467:113.

**9002050034** Forwards Info re LLRT of isolation valves in non-LOCA direction,per licensee commitment to provide updated info.  
CUTTER,A.B. Carolina Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 9pp. 52542:005-52542:013.

**9002050420** Advises that Tech Specs,discussed in Generic Ltr 88-01,will be sent by 900730.  
LOFLIN,L.I. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52542:150-52542:150.

**9002080031** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Visual insp of respective intake structures will be performed during next scheduled refueling outages.  
CUTTER,A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:098-52594:102.

**9002080146** Confirms 900130 electronic transfer of second quarterly installment payments of FY90 annual fees.  
LOFLIN,L.I. Carolina Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52589:078-52589:078.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002150092** Forwards safety analyses of Tech Spec interpretations resulting from inability to perform Tech Spec requirement due to plant physical configuration.  
CUTTER,A.B. Carolina Power & Light Co. 90/02/02. Document Control Branch (Document Control Desk). 8pp. 52675:116-52675:123.

**9002130328** Forwards Amends 139 & 171 to Licenses DPR-71 & DPR-62, respectively & safety evaluation.Amends revise Tech Specs to add footnote to Tables 2.2.1-1 & 3.3.2-2 for adjustment of main steam line radiation monitor trip setpoints.  
LE,N.B. Project Directorate II-1. 90/02/06. EURY,L.W. Carolina Power & Light Co. 2pp. 52644:332-52644:353.

**-9002130332** Amends 139 & 171 to Licenses DPR-71 & DPR-62,respectively, adding footnote to Tables 2.2.1-1 & 3.3.2-2 for adjustment of main steam line radiation monitor trip setpoints.  
TOURIGNY,E.G. Project Directorate II-1. 90/02/06. 16pp. 52644:334-52644:349.

**-9002130333** Safety evaluation supporting Amends 139 & 171 to Licenses DPR-71 & DPR-62,respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 4pp. 52644:350-52644:353.

**9002140024** Forwards request for addl info based on review of util 870817 submittal to change expiration dates of OLS.Response requested within 60 days of receipt of ltr.  
MOZAFARI,B. Project Directorate II-1. 90/02/06. EURY,L.W. Carolina Power & Light Co. 4pp. 52653:316-52653:319.

**9002130119** Advises that util 900105 response contained in 891102 safety evaluation of DCDR for plant acceptable to open item of reevaluating status of three engineering discrepancies & describing disposition of human engineering discrepancy.  
LE,N.B. Project Directorate II-1. 90/02/07. EURY,L.W. Carolina Power & Light Co. 2pp. 52646:027-52646:028.



## 86 DOCKETED ITEMS

### Q. Inspection reports, IE Bulletins & correspondence

- 9001300154** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal..." No valves subj to bulletin requirements identified at plants.  
CUTTER, A.B. Carolina Power & Light Co. 90/01/17. Document Control Branch (Document Control Desk). 3pp. 52489:004-52489:006.
- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001310127** EN-90-009 on 900126, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued, based on failure to correct deficiencies re svc water sys overtemps of pump motors.  
BAKER, E., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/01/23. 1p. 52514:037-52514:037.
- 9001310283** Forwards Insp Repts 50-325/89-45 & 50-324/89-45 on 891218-22. Violations identified but not cited.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. EURY, L.W. Carolina Power & Light Co. 3pp. 52498:094-52498:102.
- 9001310284** Insp Repts 50-324/89-45 & 50-325/89-45 on 891218-22. Violation re failure to follow parameters of welding procedures specs cited but not noted. No deviations noted. Major areas inspected: welding & nondestructive testing.  
COLEY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/16. 6pp. 52498:097-52498:102.
- 9002010326** Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-324/89-35 & 50-325/89-35. Severity level assigned to violation will remain as stated in notice of violation.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. EURY, L.W. Carolina Power & Light Co. 2pp. 52531:320-52531:321.
- 9002050121** Responds to violation noted in Insp Repts 50-324/89-40 & 50-325/89-40. Corrective actions: Plant Mds 89-104 & 89-103 have been installed in Unit 2 & partially installed in Unit 1 & interim operability has been established.  
HARNES, J.L. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52542:030-52542:036.
- 9002080311** Discusses Insp Repts 50-324/89-34 & 50-325/89-34 & forwards notice of violation & proposed imposition of civil penalty in amount of \$75,000.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/26. EURY, L.W. Carolina Power & Light Co. 5pp. 52593:210-52593:217.
- 9002080313** Notice of violation & proposed imposition of civil penalty in amount of \$75,000. Violations noted: plant nuclear safety committee incorrectly concluded that single failure of SW-V106 would not affect sys operability.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/26. 3pp. 52593:215-52593:217.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002070068** Forwards Insp Repts 50-324/90-03 & 50-325/90-03 on 900108-12. No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/29. EURY, L.W. Carolina Power & Light Co. 3pp. 52592:281-52592:290.
- 9002070074** Insp Repts 50-324/90-03 & 50-325/90-03 on 900108-12. No violations noted. Major areas inspected: observation of preservice work & work activities & review of completed radiographs for recirculation sys pipe replacement welds.  
COLEY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/25. 7pp. 52592:284-52592:290.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
GUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- 9002140200** Informs that IGSCC insp plans & results will not be submitted for next refueling outage for Unit 1 as previously committed in 890314 ltr & that evaluation & repair plans for flaws will be submitted to NRC prior to startup.  
CUTTER, A.B. Carolina Power & Light Co. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52688:112-52688:113.
- 9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**9002070182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230397** Forwards Insp Repts 50-324/90-01 & 50-325/90-01 on 900108-12. No violations or deviations noted.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. EURY, L.W. Carolina Power & Light Co. 2pp. 52709:211-52709:225.

**9002230398** Insp Repts 50-324/90-01 & 50-325/90-01 on 900108-12. No violations or deviations noted. Major areas inspected: followup for Diagnostic Evaluation Team findings.  
JAPE, F., PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. 13pp. 52709:213-52709:225.

### R. Periodic operating reports & related correspondence

**9002140240** Monthly operating repts for Jan 1990 for Brunswick Steam Electric Plant Units 1 & 2. W/900202 ltr.  
RUMPLE, R., HARNES, J.L. Carolina Power & Light Co. 90/01/31. 10pp. 52650:328-52650:337.

### S. Reportable occurrences, LERs & related correspondence

**9001310368** LER 89-025-00: on 891223, sample lines for stack radiation monitor froze, resulting in samples not indicative of ongoing releases. Caused by lack of insulation on lines exiting stack. Sample lines insulated. W/900119 ltr.  
HARRIS, T., HARNES, J.L. Carolina Power & Light Co. 90/01/19. 5pp. 52521:038-52521:042.

**9002080244** LER 90-001-00: on 900102, RCIC removed from svc & HPCI rendered inoperable, placing unit in Tech Spec 3.0.3. Caused by personnel error. Individual counseled & Standing Instruction 90-003 issued. W/900201 ltr.  
JONES, T.M., HARNES, J.L. Carolina Power & Light Co. 90/02/01. 4pp. 52590:018-52590:019.

**9002230001** LER 88-006-02: on 880219, numerous bolt head failures of 5/16-inch x 1/2-inch silicon bronze carriage bolts noted in bus/bar connections of electrical switchboards. Caused by IGSCC. Bolts replaced. Reportable per Part 21. W/900209 ltr.  
POULK, R.M., HARNES, J.L. Carolina Power & Light Co. 90/02/09. 39pp. 52713:117-52713:155.

### V. Operator Examinations

**9002080321** Discusses requalification program evaluation scheduled for wks of 900430 & 0507. NRC reserves right to postpone requalification exams if facility generated matls inadequate for exam preparation.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24. EURY, L.W. Carolina Power & Light Co. 8pp. 52609:253-52609:260.

### Y. Dry Cask Independent Spent Fuel Storage Installations

**9002090284** Responds to 891023 ltr for addl info re plant ISFSI matls license application. W/34 oversize proprietary drawings. Drawings withheld.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 21pp. 52609:348-52610:230.

**9002090291** "Rept of Subsurface Investigation Program Sites 1 & 2 Spent Fuel Storage Modules, Brunswick Nuclear Plant."  
\* Law Engineering. 90/02/01. 47pp. 52610:009-52610:055.

**9002090297** Rev 7 to Vol 4, Part 10 to Procedure ISFS-003, "Preparation of Dry Shielded Canister for Loading Into Horizontal Storage Module."  
\* Carolina Power & Light Co. 89/07/12. 64pp. 52610:056-52610:119.

**9002090300** Rev 0 to Procedure PCN-00949E-01, "Analysis for Brunswick Nuclear Project for Offsite/Onsite Dose Assessment."  
HANELL, J.R., WILLIAM, E. Carolina Power & Light Co. 89/07/11. 111pp. 52610:120-52610:230.

**9002070195** Forwards proposed 16-month regulatory schedule for ISFSI at plant.  
BATES, D. Carolina Power & Light Co. 90/02/06. ROBERTS, J. NRC - No Detailed Affiliation Given. 2pp. 52593:058-52593:059.

**9002220649** Forwards Rev B to Drawing F-04315, inadvertently omitted from 900201 submittal & advises that listed drawings mistakenly identified as proprietary instead of nonproprietary.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52713:358-52713:360.

## DOCKET 50-326 UNIV. OF CALIFORNIA AT IRVINE RESEARCH REACTOR

### Q. Inspection reports, IE Bulletins & correspondence

**9001310491** Ack receipt of 900118 ltr informing NRC of steps taken to correct violations noted in Insp of License R-116. NRC regulations do not preclude operating tests from being coincident w/normal operations.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/01/23. TIEN, C.L. California, Univ. of, Irvine, CA. 2pp. 52503:093-52503:095.

**9001310494** Responds to NRC 891222 ltr re violations noted in insp of License R-116. Corrective actions: all 13 required aspects for each licensed individual will be examined on single day & retraining performed until deficient item correct.  
TIEN, C.L. California, Univ. of, Irvine, CA. 90/01/18. SCARANO, R.A. Region 5, Ofc of the Director. 1p. 52503:095-52503:095.



## DOCKET 50-327 SEQUOYAH NUCLEAR PLANT, UNIT 1

## F. Security, medical, emergency &amp; fire protection plans

9001290022 Advises that 891116 Rev 22 to physical security contingency plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/09. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52469:154-52469:156.

9002140277 Rev 2 to EPIP-17, "Emergency Equipment & Supplies." W/900201 ltr. NOBLE,T., JOHNSON,T.F., OVERLOOK,T.W. Tennessee Valley Authority. 90/01/19. 26pp. 52651:253-52651:278.

9002070059 Ack receipt of 900109 ltr transmitting revised pages for security personnel training & qualification plan for plants. Agreement w/determination that plan does not contain safeguards info noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/25. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52598:276-52598:279.

9002060034 Forwards Rev 23 to physical security/contingency plan.End withheld (ref 10CFR73.21).  
RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52555:304-52555:305.

9002120042 Confirms noncompliance w/10CFR50,App R,Section III.G.2 on 900126.Electrical cables required to ensure RCS letdown path exists did not meet separation requirements.Addl violation noted on Unit 2 on 900128.Areas included in fire watch.  
BYNUM,J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52617:326-52617:327.

9002150288 Forwards Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109 & notice of violation.Weaknesses observed in safety evaluation process & NRC bulletin response which warrant addl NRC review.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52657:006-52657:036.

-9002150291 Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109. Violations noted.Major areas inspected:operational safety verification,including control room observations,safeguards, radiation protection & sys lineups.  
JENISON,K., WATSON,L.J. Region 2, Ofc of the Director. 90/01/31. 26pp. 52657:011-52657:036.

9002090148 Responds to questions asked in Dec 1989 telcon re fire brigade training drills.Fire brigade training program should meet Section C.3.d of Branch Tech Position CMEB 9.5-1,per SRP 9.5.1.  
BLACK,S.C. Assistant Director for Projects. 90/02/06. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52613:359-52613:361.

9002230124 Advises that 900126 Rev 23 to physical security & contingency plan consistent w/10CFR50.54(p) & acceptable for inclusion into plan.  
WILSON,B.A. Region 2, Ofc of the Director. 90/02/07. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52702:253-52702:255.

9002220382 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 90-06,reflecting addition of fire hose station in diesel generator bldg.  
RAY,M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52673:054-52673:063.

-9002220385 Proposed Tech Specs re limiting condition for operation & surveillance requirements for fire hose stations.  
\* Tennessee Valley Authority. 90/02/14. 8pp. 52673:056-52673:063.

9002230259 Rev 2 to EPIP-10, "Medical Emergency Response." W/900214 ltr. CATRON,N.S., RAY,M.J. Tennessee Valley Authority. 90/02/14. 20pp. 52716:226-52716:245.

## H. General correspondence

9002010197 Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers.  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

## P. Operating license stage documents &amp; correspondence

9002050413 Summary of 900111 meeting w/util in Rockville,MD to discuss status of integration of engineering assurance into Nuclear QA group.List of attendees & util handouts encl.  
GEARS,G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 29pp. 52548:270-52548:311.

-9002060007 "Review of Integration of Engineering Assurance Functions Into Nuclear QA,Nuclear Engineering & Nuclear Licensing & Regulatory Affairs,Part I."  
MULLEE,G.R. Tennessee Valley Authority. R-89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

9001300322 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 89-30,revising accident monitoring instrumentation to comply w/Rev 2 to Reg Guide 1.97.  
RAY,M.J. Tennessee Valley Authority. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52489:223-52489:258.

-9001300325 Proposed Tech Specs re limiting condition for operation & surveillance requirements re accident monitoring instrumentation.  
\* Tennessee Valley Authority. 90/01/22. 34pp. 52489:225-52489:258.

9001310189 Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program.  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

9002020016 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 89-27,revising Tech Specs 2.2.1,3/4.3.1.1,3/4.3.2.1 & associated bases to reflect upgrades & enhancements to reactor protection sys.  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52532:156-52532:145.

-9002020018 Proposed Tech Specs 2.2.1,3/4.3.1.1 & 3/4.3.2.1 & associated bases,reflecting upgrades & enhancements to reactor protection sys.  
\* Tennessee Valley Authority. 90/01/24. 348pp. 52532:158-52532:145.

9002060395 Forwards notice of consideration of issuance of amends to Licenses DPR-77 & DPR-79 re Tech Spec Change 90-05.  
BLACK,S. Assistant Director for Projects. 90/01/24. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52559:018-52559:023.

-9002060400 Notice of consideration of issuance of amends to Licenses DPR-77 & DPR-79 & proposed NSHC determination & opportunity for hearing.Amends to modify requirements on containment ice condenser in Tech Specs.  
BLACK,S.C. Assistant Director for Projects. 90/01/18. 10pp. 52559:020-52559:029.

9002060210 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment.Program to perform periodic insps of intake structure will be developed.Browns Ferry response extended 30 days,per discussion w/G Gears.  
RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

9002080159 Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants.Response for Browns Ferry extended 30 days.List of commitments also encl.  
RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

9002060119 Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test test results requested.  
BLACK,S.C. Assistant Director for Projects. 90/01/29. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

9002120042 Confirms noncompliance w/10CFR50,App R,Section III.G.2 on 900126.Electrical cables required to ensure RCS letdown path exists did not meet separation requirements.Addl violation noted on Unit 2 on 900128.Areas included in fire watch.  
BYNUM,J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52617:326-52617:327.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002140061 Notification of 900226 meeting w/util in Rockville,MD for Westinghouse discussion of test cart for Eagle 21 equipment to be installed in reactor protection sys at plant.  
DONOHEW,J. TVA Projects Division. 90/02/07. BLACK,S. Assistant Director for Projects. 3pp. 52655:340-52655:342.

9002150155 Forwards change to wording proposed for Tech Spec 3/4.9.8.1 & associated bases provided in 900112 ltr,per telcon.  
RAY,M.J. Tennessee Valley Authority. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52677:050-52677:058.

-9002150158 Proposed Tech Spec 3/4.9.8.1 changing wording & associated bases.  
\* Tennessee Valley Authority. 90/02/09. 7pp. 52677:052-52677:058.

9002220377 Application for amends to Licenses DPR-77 & DPR-79, revising Tech Spec Section 3/4.10.3,defining testing necessary for consistency between Limiting Condition for Operation 3.10.3.b & Surveillance Requirement 4.10.3.2.  
RAY,M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52695:342-52695:351.

-9002220378 Proposed Tech Specs revising Section 3/4.10.3,defining testing necessary for consistency between limiting condition for operation & surveillance requirements.  
\* Tennessee Valley Authority. 90/02/14. 8pp. 52695:344-52695:351.

9002220382 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 90-06,reflecting addition of fire hose station in diesel generator bldg.  
RAY,M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52673:054-52673:063.

-9002220385 Proposed Tech Specs re limiting condition for operation & surveillance requirements for fire hose stations.  
\* Tennessee Valley Authority. 90/02/14. 8pp. 52673:056-52673:063.

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002020242 Ack receipt of 891226 ltr informing NRC of corrective actions re violations in Insps 50-327/89-16,50-328/89-16, 50-327/89-25 & 50-328/89-25.  
WILSON,B.A. Assistant Director for Projects. 90/01/16. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52539:262-52539:263.

9002020248 Ack receipt of 890929 ltr informing NRC of corrective actions in response to violations noted in Insp Repts 50-327/89-14 & 50-328/89-14.  
WILSON,B.A. Assistant Director for Projects. 90/01/16. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52539:277-52539:278.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002010204 Responds to 891129 ltr re NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes."  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 9pp. 52505:003-52505:011.

## 88 DOCKETED ITEMS

**9002010248** Confirms 900123 telcon re enforcement conference to be held in Rockville, MD on 900214 to discuss until apparent weaknesses in corrective action & resolution of RHR pump deadheading issue. Proposed agenda encl. WILSON, B.A. Assistant Director for Inspection Programs. 90/01/24. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52504:358-52504:361.

**9002010230** Forwards response to NRC 891208 request for addl info re facility inservice insp program for first 10-yr interval. End of insp interval extended to 940915 due to extended shutdown period.  
\* Tennessee Valley Authority. 90/01/25. Document Control Branch (Document Control Desk). 5pp. 52532:088-52532:092.

**9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears. RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002150288** Forwards Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109 & notice of violation. Weaknesses observed in safety evaluation process & NRC bulletin response which warrant addl NRC review. WILSON, B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52657:006-52657:036.

**-9002150289** Notice of violation from insp on 891205-900109. Violation noted: from 891003-1215, heat tracing removed from refueling water storage tank level transmitters but condition adverse to quality rept not initiated. WILSON, B.A. Assistant Director for Inspection Programs. 90/01/30. 2pp. 52657:009-52657:010.

**-9002150291** Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109. Violations noted. Major areas inspected: operational safety verification, including control room observations, safeguards, radiation protection & sys lineups. JENISON, K. WATSON, L.J. Region 2, Ofc of the Director. 90/01/31. 26pp. 52657:011-52657:036.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002090165** Forwards notice of violation from NRC investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting. Civil penalty not proposed since TVA has implemented programs. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON, M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

**-9002090171** Notice of violation from insp on 860428-0916. Violations noted: failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy. CRUTCHFIELD, D. Division of Reactor Projects - II, IV, V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

**9002120101** Corrected ltr discussing NRC investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees. Were HS Sanger still util employee, NRC would consider addl actions. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON, M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

**-9002120115** Notice of violation from investigation on 860428-0916. Violations noted: failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licenses." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### S. Reportable occurrences, LERs & related correspondence

**9002080123** RO: on 900126, fire suppression sys declared inoperable due to extended fire header outage. Alternate flow path established by installing hose around strainers. Repair work completed & limiting condition for operation exited. BYNUM, J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52594:175-52594:176.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl. HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002140017** LER 90-001-00: on 900108, discovered that several ERCW valves not being periodically verified to be correct. Caused by personnel error during procedure revs & workplan reviews. Info notice issued to workplan reviewers. W/900207 ltr. HIPF, G., BYNUM, J.R. Tennessee Valley Authority. 90/02/07. 5pp. 52654:069-52654:073.

### DOCKET 50-328 SEQUOYAH NUCLEAR PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9001290022** Advises that 891116 Rev 22 to physical security contingency plan consistent w/provisions of 10CFR50.54(p) & acceptable. WILSON, B.A. Assistant Director for Inspection Programs. 90/01/09. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52469:154-52469:156.

**9002140277** Rev 2 to EPIP-17, "Emergency Equipment & Supplies." W/900201 ltr. NOBLE, T., JOHNSON, T.F., OVERLOOK, T.W. Tennessee Valley Authority. 90/01/19. 26pp. 52651:253-52651:278.

**9002070059** Ack receipt of 900109 ltr transmitting revised pages for security personnel training & qualification plan for plants. Agreement w/determination that plan does not contain safeguards info noted. WILSON, B.A. Assistant Director for Inspection Programs. 90/01/25. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52598:276-52598:279.

**9002060034** Forwards Rev 23 to physical security/contingency plan. Encl withheld (ref 10CFR73.21). RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52555:304-52555:305.

**9002120042** Confirms noncompliance w/10CFR50, App R, Section II.G.2 on 900126. Electrical cables required to ensure RCS letdown path exists did not meet separation requirements. Addl violation noted on Unit 2 on 900128. Areas included in fire watch. BYNUM, J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52617:326-52617:327.

**9002150288** Forwards Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109 & notice of violation. Weaknesses observed in safety evaluation process & NRC bulletin response which warrant addl NRC review. WILSON, B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52657:006-52657:036.

**-9002150291** Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109. Violations noted. Major areas inspected: operational safety verification, including control room observations, safeguards, radiation protection & sys lineups. JENISON, K. Region 2, Ofc of the Director. 90/01/31. 26pp. 52657:011-52657:036.

**9002090148** Responds to questions asked in Dec 1989 telcon re fire brigade training drills. Fire brigade training program should meet Section C.3.d of Branch Tech Position CMEB 9.5-1, per SRP 9.5.1. BLACK, S.C. Assistant Director for Projects. 90/02/06. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52613:359-52613:361.

**9002230124** Advises that 900126 Rev 23 to physical security & contingency plan consistent w/10CFR50.54(p) & acceptable for inclusion into plan. WILSON, B.A. Region 2, Ofc of the Director. 90/02/07. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52702:253-52702:255.

**9002220382** Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 90-06, reflecting addition of fire hose station in diesel generator bldg. RAY, M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52673:054-52673:063.

**-9002220385** Proposed Tech Specs re limiting condition for operation & surveillance requirements for fire hose stations.  
\* Tennessee Valley Authority. 90/02/14. 8pp. 52673:056-52673:063.

**9002230259** Rev 2 to EPIP-10, "Medical Emergency Response." W/900214 ltr. CATRON, N.S., RAY, M.J. Tennessee Valley Authority. 90/02/14. 20pp. 52716:226-52716:245.

#### H. General correspondence

**9002010197** Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers. RAY, M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

#### P. Operating license stage documents & correspondence

**9002050413** Summary of 900111 meeting w/util in Rockville, MD to discuss status of integration of engineering assurance into Nuclear QA group. List of attendees & util handouts encl. GEARS, G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 29pp. 52548:270-52548:311.

**-9002060007** "Review of Integration of Engineering Assurance Functions Into Nuclear QA, Nuclear Engineering & Nuclear Licensing & Regulatory Affairs, Part I." MULLEE, G.R. Tennessee Valley Authority. R-89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

**9001300322** Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 89-30, revising accident monitoring instrumentation to comply w/Rev 2 to Reg Guide 1.97. RAY, M.J. Tennessee Valley Authority. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52489:223-52489:258.

**-9001300325** Proposed Tech Specs re limiting condition for operation & surveillance requirements re accident monitoring instrumentation.  
\* Tennessee Valley Authority. 90/01/22. 34pp. 52489:225-52489:258.

- 9001310189** Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program. RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.
- 9002020016** Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 89-27, revising Tech Specs 2.2.1, 3/4.3.1.1, 3/4.3.2.1 & associated bases to reflect upgrades & enhancements to reactor protection sys. RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52532:156-52533:145.
- 9002020018** Proposed Tech Specs 2.2.1, 3/4.3.1.1 & 3/4.3.2.1 & associated bases, reflecting upgrades & enhancements to reactor protection sys. \* Tennessee Valley Authority. 90/01/24. 348pp. 52532:158-52533:145.
- 9002060395** Forwards notice of consideration of issuance of amends to Licenses DPR-77 & DPR-79 re Tech Spec Change 90-05. BLACK,S.C. Assistant Director for Projects. 90/01/24. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52559:018-52559:029.
- 9002060400** Notice of consideration of issuance of amends to Licenses DPR-77 & DPR-79 & proposed NSHC determination & opportunity for hearing. Amends to modify requirements on containment ice condenser in Tech Specs. BLACK,S.C. Assistant Director for Projects. 90/01/18. 10pp. 52559:020-52559:029.
- 9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:300.
- 9002080159** Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants. Response for Browns Ferry extended 30 days. List of commitments also encl. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.
- 9002060119** Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested. BLACK,S.C. Assistant Director for Projects. 90/01/29. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.
- 9002120042** Confirms noncompliance w/10CFR50, App R, Section III.G.2 on 900126. Electrical cables required to ensure RCS letdown path exists did not meet separation requirements. Addl violation noted on Unit 2 on 900128. Areas included in fire watch. BYNUM,J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52617:326-52617:327.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002140061** Notification of 900226 meeting w/util in Rockville, MD for Westinghouse discussion of test cart for Eagle 21 equipment to be installed in reactor protection sys at plant. DONOHEW,J. TVA Projects Division. 90/02/07. BLACK,S. Assistant Director for Projects. 3pp. 52655:340-52655:342.
- 9002150155** Forwards change to wording proposed for Tech Spec 3/4.9.8.1 & associated bases provided in 900112 ltr, per telcon. RAY,M.J. Tennessee Valley Authority. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52677:050-52677:058.
- 9002150158** Proposed Tech Spec 3/4.9.8.1 changing wording & associated bases. \* Tennessee Valley Authority. 90/02/09. 7pp. 52677:052-52677:058.
- 9002220377** Application for amends to Licenses DPR-77 & DPR-79, revising Tech Spec Section 3/4.10.3, defining testing necessary for consistency between Limiting Condition for Operation 3.10.3.b & Surveillance Requirement 4.10.3.2. RAY,M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52695:342-52695:351.
- 9002220378** Proposed Tech Specs revising Section 3/4.10.3, defining testing necessary for consistency between limiting condition for operation & surveillance requirements. \* Tennessee Valley Authority. 90/02/14. 8pp. 52695:344-52695:351.
- 9002220382** Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 90-06, reflecting addition of fire hose station in diesel generator bldg. RAY,M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52673:054-52673:063.
- 9002220385** Proposed Tech Specs re limiting condition for operation & surveillance requirements for fire hose stations. \* Tennessee Valley Authority. 90/02/14. 8pp. 52673:056-52673:063.
- Q. Inspection reports, IE Bulletins & correspondence**
- 9002020242** Ack receipt of 891226 ltr informing NRC of corrective actions re violations in insps 50-327/89-16, 50-327/89-25 & 50-328/89-25. WILSON,B.A. Assistant Director for Projects. 90/01/16. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52539:262-52539:263.
- 9002020248** Ack receipt of 890929 ltr informing NRC of corrective actions in response to violations noted in Insp Repts 50-327/89-14 & 50-328/89-14. WILSON,B.A. Assistant Director for Projects. 90/01/16. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52539:277-52539:278.
- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:258-52513:258.
- 9002010204** Responds to 891129 ltr re NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 9pp. 52505:003-52505:011.
- 9002010248** Confirms 900123 telcon re enforcement conference to be held in Rockville, MD on 900214 to discuss util apparent weaknesses in corrective action & resolution of RHR pump deadheading issue. Proposed agenda encl. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/24. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52504:358-52504:361.
- 9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9002150288** Forwards Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109 & notice of violation. Weaknesses observed in safety evaluation process & NRC bulletin response which warrant addl NRC review. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52657:006-52657:036.
- 9002150289** Notice of violation from insp on 891205-900109. Violation noted: from 891003-1215, heat tracing removed from refueling water storage tank level transmitters but condition adverse to quality rept not initiated. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/30. 2pp. 52657:009-52657:010.
- 9002150291** Insp Repts 50-327/89-29 & 50-328/89-29 on 891205-900109. Violations noted. Major areas inspected: operational safety verification, including control room observations, safeguards, radiation protection & sys lineups. JENISON,K., WATSON,L.J. Region 2, Ofc of the Director. 90/01/31. 26pp. 52657:011-52657:036.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9002090165** Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting. Civil penalty not proposed since TVA has implemented programs. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.
- 9002090171** Notice of violation from insp on 860428-0916. Violations noted: failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy. CRUTCHFIELD,D. Division of Reactor Projects - III, IV & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.
- 9002120101** Corrected ltr discussing NRC investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees. Were HS Sanger still util employee, NRC would consider addl actions. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.
- 9002120115** Notice of violation from investigation on 880428-0916. Violations noted: failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.
- 9001290102** Suppl 1 to NRC info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- S. Reportable occurrences, LERs & related correspondence**
- 9002080123** RO: on 900126, fire suppression sys declared inoperable due to extended fire header outage. Alternate flow path established by installing hose around strainers. Repair work completed & limiting condition for operation exited. BYNUM,J.R. Tennessee Valley Authority. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52594:175-52594:176.

## 90 DOCKETED ITEMS

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002220681** LER 90-001-00: on 900112, Limiting Condition for Operation 3.0.3 entered when three of four lower compartment cooler fan motors exceeded lubrication frequency. Caused by personnel error. Personnel counseled. W/900209 ltr.  
SPENCER, S.W., BYNUM, J.R. Tennessee Valley Authority. 90/02/09. 5pp. 52712:253-52712:257.

### DOCKET 50-329 MIDLAND PLANT, UNIT 1

#### A. Application/construction stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 880205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### DOCKET 50-330 MIDLAND PLANT, UNIT 2

#### A. Application/construction stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 880205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### DOCKET 50-331 DUANE ARNOLD ENERGY CENTER

#### F. Security, medical, emergency & fire protection plans

**9002060008** Revised EPIPs, including Rev 7 to EPIP 2.1, Rev 10 to EPIP 2.2 & Rev 6 to EPIP 3.1. W/900124 ltr.  
\* Iowa Electric Light & Power Co. 90/01/10. 122pp. 52559:034-52559:155.

**9002060014** Forwards "Duane Arnold Energy Ctr Site Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys QA Verification." Rept summarizes engineering design sys. Sys adequate in event of radiological emergency at site.  
PETERSON, G.C. Federal Emergency Management Agency. 90/01/16. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 52558:068-52558:345.

**-9002060016** "Duane Arnold Energy Ctr Site Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys QA Verification."  
\* Federal Emergency Management Agency. 89/09/14. 277pp. 52558:069-52558:345.

**9002080271** Forwards "Unannounced Drill Evaluation of Implementation of State & Local Radiological Emergency Response Plans." No inadequacies identified during drill participated in by Benton & Linn Counties of State of IA.  
KWIATKOWSKI, D. Federal Emergency Management Agency. 90/01/22. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 1p. 52588:167-52588:183.

**-9002080274** "Unannounced Drill Evaluation of Implementation of State & Local Radiological Emergency Response Plans."  
\* Federal Emergency Management Agency. 90/01/08. 16pp. 52588:168-52588:183.

**9002090312** Advises that Rev 5 to emergency response plan meets planning stds of 10CFR50.47(b) & requirements of 10CFR50, App E.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/31. LIU, L. Iowa Electric Light & Power Co. 2pp. 52599:088-52599:089.

#### P. Operating license stage documents & correspondence

**9001180404** Advises that licensee 891031 response to Generic Ltr 88-20, re individual plant exams, acceptable.  
HALL, J.R. Project Directorate III-3. 90/01/12. LIU, L. Iowa Electric Light & Power Co. 2pp. 52461:172-52461:173.

**9002010205** Notification of 900130 meeting w/util in Rockville, MD to discuss engineering priorities at plant & licensee actions on IE/GE task force on HPCI improvements, river water silt & plans for coping w/decreased river flows.  
HALL, J.R. Project Directorate III-3. 90/01/24. HANNON, J.N. Project Directorate III-3. 3pp. 52505:209-52505:211.

**9002080190** Advises that licensee will inform NRC of completion of initial activities re Generic Ltr 89-13 within 30 days after startup from outage, per util 891103 schedule.  
MINECK, D.L. Iowa Electric Light & Power Co. 90/01/29. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52613:190-52613:191.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002130206** Advises that licensee 891031 response to Generic Ltr 89-16 re installation of hardened wetwell vent acceptable, based on intention to voluntarily install wetwell vent per 10CFR50.59.  
HALL, J.R. Project Directorate III-3. 90/02/06. LIU, L. Iowa Electric Light & Power Co. 2pp. 52634:281-52634:282.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002060134** Responds to NRC 891227 ltr re violations & proposed imposition of civil penalty. Corrective actions: fourteen improperly insulated splices repaired per facility environment qualification program.  
MINECK, D.L. Iowa Electric Light & Power Co. 90/01/26. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 9pp. 52560:142-52560:150.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.



9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002120314 Ack receipt of 900126 ltr & payment of civil penalty in amount of \$50,000, per NRC 891227 ltr.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/02/06. LIU,L. Iowa Electric Light & Power Co. 1p. 52617:183-52617:183.

9002150332 Responds to notice of violation & proposed imposition of civil penalty transmitted in NRC 900110 ltr. Corrective actions: secondary containment operability test revised to require securing main plant exhaust sys during test.  
MINECK,D.L. Iowa Electric Light & Power Co. 90/02/09. LIEBERMAN,J. Ofc of Enforcement (Post 870413). 8pp. 52676:222-52676:229.

#### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### V. Operator Examinations

9001310085 Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

#### DOCKET 50-333 JAMES A. FITZPATRICK NUCLEAR POWER PLANT

#### F. Security, medical, emergency & fire protection plans

9001300329 Forwards Insp Rept 50-333/89-11 on 891008-1202. Concerns raised re in-attention to detail during surveillance testing, causing reactor scram on 891105 & RCIC sys isolation on 891129.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/01/23. FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52489:259-52489:274.

9001300333 Insp Rept 50-333/89-11 on 891008-1202. Two licensee identified noncited violations noted. Major areas inspected: plant operations, security, surveillance & maint, emergency preparedness & engineering & technical support.  
MEYER,G.W. Region 1, Ofc of the Director. 90/01/19. 14pp. 52489:261-52489:274.

#### P. Operating license stage documents & correspondence

9002060051 Forwards proprietary NEDC-31687P, "Updated Safety Relief Valve Performance Requirements for JA Fitzpatrick Nuclear Power Plant," in support of util 891220 proposed change to Tech Specs. Rept withheld (ref 10CFR2.790).  
BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/01/16. LABARGE,D.E. Project Directorate I-1. 6pp. 52560:161-52560:166.

9002060130 Discusses util response to Generic Ltr 89-16, "Installation of Hardened Wetwell Vent." Issue should be resolved as part of individual plant evaluation/PRA evaluation currently in progress.  
LABARGE,D.E. Project Directorate I-1. 90/01/22. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52558:021-52558:022.

9002050285 Forwards corrected pages to Amends 134,135,137,147 & 149 to License DPR-59.  
LABARGE,D.E. Project Directorate I-1. 90/01/24. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 4pp. 52548:212-52548:226.

9002050344 Corrected Amend 134 to License DPR-59, replacing Pages vi, 123 & 134.  
\* NRC - No Detailed Affiliation Given. 90/01/24. 3pp. 52548:216-52548:218.

9002050349 Corrected Amend 135 to License DPR-59, replacing Page 244a.  
\* NRC - No Detailed Affiliation Given. 90/01/24. 1p. 52548:219-52548:219.

9002050351 Corrected Amend 137 to License DPR-59, replacing Pages iii, vii, 247, 247a & 248.  
\* NRC - No Detailed Affiliation Given. 90/01/24. 5pp. 52548:220-52548:224.

9002050353 Corrected Amend 147 to License DPR-59, replacing Page 57.  
\* NRC - No Detailed Affiliation Given. 90/01/24. 1p. 52548:225-52548:225.

9002050357 Corrected Amend 149 to License DPR-59, replacing Page 149.  
\* NRC - No Detailed Affiliation Given. 90/01/24. 1p. 52548:226-52548:226.

9002050441 Advises that individual plant exam approach, methodology & schedule, per Generic Ltr 88-20, contained in util 891027 ltr, acceptable. Schedule changes should be reported to NRC.  
LABARGE,D.E. Project Directorate I-1. 90/01/30. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52542:208-52542:209.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220578 Forwards safety evaluation concluding that procedures generation package submitted by 830630 & 850911 ltrs should be reviewed to address programmatic improvements outlined in evaluation.  
LABARGE,D.E. Project Directorate I-1. 90/02/13. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 52696:259-52696:271.

9002220580 Safety evaluation concluding that procedures generation package should be revised to address items listed in evaluation, to adequately address requirements of Generic Ltr 82-33 & accomplish objectives in NUPEG-0899.  
\* NRC - No Detailed Affiliation Given. 90/02/13. 10pp. 52696:262-52696:271.

9002230042 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Testing of circulating water/svc water sys for mussels will begin Spring 1990.  
BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/13. Document Control Branch (Document Control Desk). 6pp. 52709:284-52709:289.

#### G. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300189 Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing-Check Valves or Valves of Similar Design." No insp of valves performed.  
FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52493:029-52493:030.

9002160070 Notification of SALP Mgt Meeting 90-06 w/util on 900129 In King of Prussia, PA.  
MEYER,G.W. Region 1, Ofc of the Director. 90/01/19. Region 1, Ofc of the Director. 2pp. 52679:120-52679:121.

9001300329 Forwards Insp Rept 50-333/89-11 on 891008-1202. Concerns raised re in-attention to detail during surveillance testing, causing reactor scram on 891105 & RCIC sys isolation on 891129.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/01/23. FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52489:259-52489:274.

9001300333 Insp Rept 50-333/89-11 on 891008-1202. Two licensee identified noncited violations noted. Major areas inspected: plant operations, security, surveillance & maint, emergency preparedness & engineering & technical support.  
MEYER,G.W. Region 1, Ofc of the Director. 90/01/19. 14pp. 52489:261-52489:274.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002070419 Forwards preoutage IGSCC insp plan for upcoming 1990 refueling outage. Util will not routinely submit preoutage plans in future per Generic Ltr 88-01 & NUREG-0313.  
BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/01/29. Document Control Branch (Document Control Desk). 28pp. 52587:258-52587:285.

9002090186 Responds to NRC 891229 ltr re violations noted in Insp Rept 50-333/89-21. Corrective action: background instrumentation results will be reviewed on periodic basis.  
FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52628:254-52628:258.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.



## 92 DOCKETED ITEMS

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52563:257-52564:004.

**9002160049** Advises that until 900119 response to NRC Bulletin 89-002 re Anchor Darling Model S350W swing check valves acceptable. Response indicated that no valves of type described in bulletin used at facility.  
LABARGE,D.E. Project Directorate I-1. 90/02/08. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52668:322-52668:323.

**9002220578** Forwards safety evaluation concluding that procedures generation package submitted by 830630 & 850911 ltrs should be reviewed to address programmatic improvements outlined in evaluation.  
LABARGE,D.E. Project Directorate I-1. 90/02/13. BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 52696:259-52696:271.

### R. Periodic operating reports & related correspondence

**9002230504** Monthly operating rept for Jan 1990 for JA Fitzpatrick Nuclear Power Plant.W/900212 ltr.  
COOK,J., FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/01/31. 7pp. 52709:262-52709:268.

### S. Reportable occurrences, LERs & related correspondence

**9002060407** LER 89-026-00:on 891105,reactor scram from full power occurred due to problems w/turbine electro-hydraulic control sys.On 891220,contractor notified until that valves tested did not actuate within setpoint as required.W/900126 ltr.  
FISH,H.C., FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/01/26. 6pp. 52569:003-52569:008.

**9002080139** LER 89-020-01:on 891105,reactor scram initiated by high APRM neutron flux from pressure transient from turbine control valve closure.Caused by void collapse in core moderator. Computer programming changed re transient data.W/900129 ltr.  
FISH,H.C., FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/01/29. 7pp. 52590:020-52590:026.

**9002220344** LER 89-018-01:on 891008,HPCI high steam flow signal closed HPCI out-board steam supply isolation valves,causing isolation of logic circuit.Caused by overly conservative value for flow isolation signal.Sensor vented.W/900208 ltr.  
FISH,H.C., FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/02/08. 7pp. 52679:025-52679:031.

**9002220303** LER 89-019-01:on 891031,HPCI turbine declared inoperable due to electrical ground in speed control circuit.Caused by conductive corrosion products between amphenol type connector & mounting plate.Connector cleaned.W/900212 ltr.  
FISH,H.C., FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/02/12. 7pp. 52658:083-52658:089.

**9002260448** LER 90-001-00:on 900119,reactor scram occurred during calibr of reactor water level instrumentation,resulting in valve packing leak & causing false low water level.Caused by rapid valve movement.Event reviewed.W/900216 ltr.  
FISH,H.C., FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 90/02/16. 7pp. 52722:018-52722:024.

### U. Congressional/Executive Correspondence

**9002050024** Discusses RB Clough vs NRC & SA Hiett vs PSE&G challenging random drug testing plans,per NRC fitness for duty rule 10CFR26.Recipient will be kept apprised of developments in cases.  
CORDES,J.F. Solicitor (Post 860701). 90/01/03. BREAU,J.B. Senate, Environment & Public Works. SHARP,P. House of Rep., Environment & Public Works. UDALL,M.K. House of Rep., Interior & Insular Affairs. 10pp. 52542:054-52542:063.

### V. Operator Examinations

**9002140254** Forwards revised NRC Forms 398, "Personal Qualifications Statement - Licensee" & 396, "Certification of Medical Exam by Facility Licensee," respectively.Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 6pp. 52653:218-52653:225.

**9002140111** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 8pp. 52653:141-52653:148.

### DOCKET 50-334 BEAVER VALLEY POWER STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9002080317** Forwards description of scope & objectives for full-scale annual exercise to be conducted on 900501.Comments re objectives should be provided by 900302.W/o encl.  
SIEBER,J.D. Duquesne Light Co. 90/01/23. LAZARUS,W. Region 1, Ofc of the Director. 2pp. 52609:248-52609:249.

**9002130025** Forwards Rev 9 to Issue 4 to physical security plan.Rev withheld (ref 10CFR2.790(d) & 73.21).  
SIEBER,J.D. Duquesne Light Co. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52628:044-52628:044.

**9002160181** Forwards Safety Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12.No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/07. SIEBER,J.D. Duquesne Light Co. 2pp. 52670:087-52670:096.

**-9002160185** Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12.No violations noted.Major areas inspected:fire protection/ prevention program,including program administration,fire brigade training,QA audits & surveillance tests.  
LARA,J., ANDERSON,C.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52670:089-52670:096.

### P. Operating license stage documents & correspondence

**8911290282** Responds to 891027 ltr re util obligation to rept decommissioning info per 10CFR50.75.Each licensee may file rept under 10CFR50.75 for pro-rata share of reactor or licensee designated by co-licensees may file one rept.  
MCKENNA,E.M. Policy Development & Technical Support Branch (Post 870411). 89/11/22. SIEBER,J.D. Duquesne Light Co. 2pp. 52343:344-52343:344.

**9002020251** Advises that licensee 891228 response confirmed that schedule & recommendations in Generic Ltr 89-10 re motor-operated valve testing & surveillance will be met.Program verification will be addressed via regional insps.  
TAM,P.S. Project Directorate I-4. 90/01/10. STOLZ,F. Project Directorate I-4. 1p. 52524:126-52524:126.

**9002020174** Advises that licensee 890223 & 0317 responses to Generic Ltr 88-17 re programmed enhancements for loss of DHR appears to meet intent of ltr but lacks detail.Utl suggested to consider listed items to assure required actions addressed.  
TAM,P.S. Project Directorate I-4. 90/01/24. SIEBER,J.D. Duquesne Light Co. 3pp. 52540:071-52540:073.

**9002080119** Responds to recommended actions of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plant sys will be maintained in compliance w/10CFR50,App A, GDC 44,GDC 45 & GD 46 App B,Section XI.  
SIEBER,J.D. Duquesne Light Co. 90/01/29. Document Control Branch (Document Control Desk). 16pp. 52594:246-52594:261.

**9002120319** Provides responses to Reg Guide 1.97 variable for steam generator wide level instrumentation & SER for plant & requests that NRC review info & consider accepting deviation on merits of existing design.  
SIEBER,J.D. Duquesne Light Co. 90/01/31. Document Control Branch (Document Control Desk). 13pp. 52630:112-52630:124.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140069** Forwards Amend 150 to License DPR-66 & safety evaluation. Amend revises Tech Specs to clarify & specify reactor coolant boron dilution requirements.  
TAM,P.S. Project Directorate I-4. 90/02/06. SIEBER,J.D. Duquesne Light Co. 3pp. 52650:175-52650:190.

**-9002140083** Amend 150 to License DPR-66, revising Tech Specs to clarify & specify reactor coolant boron dilution requirements.  
STOLZ,J.F. Project Directorate I-4. 90/02/06. 9pp. 52650:178-52650:186.

**-9002140086** Safety evaluation supporting Amend 150 to License DPR-66.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 4pp. 52650:187-52650:190.

**9002130193** Notification of 900222 meeting w/util in Rockville,MD to discuss licensee 890414 ltr re station blackout issues.  
TAM,P.S. Project Directorate I-4. 90/02/07. STOLZ,J.F. Project Directorate I-4. 2pp. 52648:187-52648:188.

**9002150243** Forwards application for amends to Licenses DPR-66 & NPF-73, adding requirement that 120-volt ac vital busses be energized from inverters connected to associated dc busses.  
SIEBER,J.D. Duquesne Light Co. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52675:131-52675:141.

**-9002150250** Application for amends to Licenses DPR-66 & NPF-73, revising ac distribution - operating spec to more closely resemble wording contained in STS.  
SIEBER,J.D. Duquesne Light Co. 90/02/07. 1p. 52675:133-52675:133.

**-9002150251** Proposed Tech Specs revising ac distribution - operating spec to more closely resemble wording contained in STS.  
\* Duquesne Light Co. 90/02/07. 8pp. 52675:134-52675:141.

### Q. Inspection reports, IE Bulletins & correspondence

**9002020251** Advises that licensee 891228 response confirmed that schedule & recommendations in Generic Ltr 89-10 re motor-operated valve testing & surveillance will be met.Program verification will be addressed via regional insps.  
TAM,P.S. Project Directorate I-4. 90/01/10. STOLZ,F. Project Directorate I-4. 1p. 52524:126-52524:126.

**9001300498** Advises that draft final report for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002060353** Forwards Safety Insp Rept 50-334/89-24 on 891113-16 & notice of violation. DURR, J.P. Region 1, Ofc of the Director. 90/01/23. SIEBER, J.D. Duquesne Light Co. 2pp. 52555:255-52555:264.

**-9002060359** Notice of violation from insp on 891113-16. Violation noted: ultrasonic thickness profile for elbow to steam generator nozzle weld indicated that counterbore taper greater than 18 degrees for approx 30% of weld length.  
\* Region 1, Ofc of the Director. 90/01/23. 1p. 52555:257-52555:257.

**-9002060361** Insp Rept 50-334/89-24 on 891113-16. Violations noted. Major areas inspected: damage identified on main feedwater piping lines & performance & documentation of preservice insp on main feedwater lines replaced at time of insp. KERCH, H.W., CARRASCO, J.E., OLIVERI, M.A. Region 1, Ofc of the Director. 90/01/12. 7pp. 52555:258-52555:264.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002120308** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures for plant will be revised prior to next refueling outage. SIEBER, J.D. Duquesne Light Co. 90/01/30. Document Control Branch (Document Control Desk). 5pp. 52607:008-52607:012.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002070382** Forwards Combined Insp Repts 50-334/90-05 & 50-412/90-04 on 900129 & notice of violation. BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/31. SIEBER, J.D. Duquesne Light Co. 3pp. 52587:252-52587:257.

**-9002070387** Notice of violation from insp on 900129. Violation noted: licensee shipped SeaVan containing contaminated scaffolding to Oak Ridge, TN w/two holes in sides created during transit due to load shifting within van.  
\* Region 1, Ofc of the Director. 90/01/31. 1p. 52587:255-52587:255.

**-9002070388** Combined Insp Repts 50-334/90-05 & 50-412/90-04 on 900129. Violations noted. Major areas inspected: review of circumstances surrounding shipment of scaffolding to Quadrex Recycle Ctr, Oak Ridge, TN on 900110. FURIA, J., BORES, R. Region 1, Ofc of the Director. 90/01/30. 2pp. 52587:256-52587:257.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150239** Forwards followup rept for NRC Bulletin 88-008, "Thermal Stresses in Piping Connected to RCS." Rept provides results of actions taken during seventh refueling outage. SIEBER, J.D. Duquesne Light Co. 90/02/07. Document Control Branch (Document Control Desk). 4pp. 52675:157-52675:160.

**9002160181** Forwards Safety Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12. No violations noted. DURR, J.P. Region 1, Ofc of the Director. 90/02/07. SIEBER, J.D. Duquesne Light Co. 2pp. 52670:087-52670:096.

**-9002160185** Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12. No violations noted. Major areas inspected: fire protection/ prevention program, including program administration, fire brigade training, QA audits & surveillance tests. LARA, J., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52670:089-52670:096.

**9002230445** Forwards Safety Insp Repts 50-334/89-25 & 50-412/89-23 on 891204-08 & notice of deviation. HODGES, M.W. Region 1, Ofc of the Director. 90/02/07. SIEBER, J.D. Duquesne Light Co. 2pp. 52702:016-52702:032.

**-9002230449** Notice of deviation from insp on 891204-08. Deviation noted: installed instrumentation for Unit 1 steam generator level wide range has no isolation device between instrument loops & Unit 2 stated recorders not seismically qualified.  
\* Region 1, Ofc of the Director. 90/02/07. 2pp. 52702:018-52702:019.

**-9002230451** Insp Repts 50-334/89-25 & 50-412/89-23 on 891204-08. Deviations noted. Major areas inspected: licensee implementation of Reg Guide 1.97, Rev 3 for post-accident monitoring instrumentation. PAOLINO, R.J., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/07. 13pp. 52702:020-52702:032.

## R. Periodic operating reports & related correspondence

**9002080157** Forwards "NPDES Discharge Monitoring Rept" for Dec 1989 & 900125 reportable occurrence rept for EPA Permit PA0025615. DULICK, A.M. Duquesne Light Co. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52608:319-52608:344.

**-9002080231** "NPDES Discharge Monitoring Rept" for Dec 1989. DULICK, A.M. Duquesne Light Co. 89/12/31. 18pp. 52608:322-52608:342.

**-9002080233** NPDES noncompliance notification: Discharge 103 exceeded monthly average spec re total suspended solids. Investigation proved that entire surface of basin froze. Removal of sludge from basin began on 900102. DULICK, A.M. Duquesne Light Co. 90/01/25. 2pp. 52608:343-52608:344.

## S. Reportable occurrences, LERs & related correspondence

**9001300387** LER 89-017-01: on 891218, feedwater isolation ESF actuation, caused by swell phenomena experienced after opening of "C" MSIV. Feedwater isolation signal reset & restored to prefeedwater isolation conditions. W/900118 lr. NOONAN, T.P. Duquesne Light Co. 90/01/23. 4pp. 52494:117-52494:120.

**9001300393** LER 89-019-00: on 891227, discovered that manual reactor trip operating surveillance test not performed within required frequency prior to previous reactor start-up on 891224. Caused by inadequate start-up procedures. W/900123 lr. NOONAN, T.P. Duquesne Light Co. 90/01/23. 5pp. 52494:121-52494:125.

**9001300444** LER 89-014-01: on 891101, routine radiation barrier check identified faulty door locking mechanism. Caused by weld latching mechanism plate interfering w/locking action of door. Mechanism modified & latch removed. W/900123 lr. NOONAN, T.P. Duquesne Light Co. 90/01/23. 5pp. 52502:137-52502:141.

**9002080157** Forwards "NPDES Discharge Monitoring Rept" for Dec 1989 & 900125 reportable occurrence rept for EPA Permit PA0025615. DULICK, A.M. Duquesne Light Co. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52608:319-52608:344.

**-9002080233** NPDES noncompliance notification: Discharge 103 exceeded monthly average spec re total suspended solids. Investigation proved that entire surface of basin froze. Removal of sludge from basin began on 900102. DULICK, A.M. Duquesne Light Co. 90/01/25. 2pp. 52608:343-52608:344.

**9002020077** LER 89-018-01: on 891227, reactor trip occurred following initial startup from refueling outage. Caused by trip of 480 volt ac feeder breaker to rod drive motor generator sets. Installed spare breaker tested. W/900126 lr. NOONAN, T.P. Duquesne Light Co. 90/01/26. 5pp. 52550:005-52550:009.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl. HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002230047** LER 90-001-00: on 900108, reactor coolant leakage in excess of Tech Spec limit of 1 gpm discovered on seal injection line in reactor coolant pump A cubicle. Caused by weld crack. Leaking weld isolated & will be repaired. W/900207 lr. NOONAN, T.P. Duquesne Light Co. 90/02/07. 5pp. 52713:051-52713:055.

**9002230028** LER 90-003-00: on 900110, determined that recirculation spray HX river water radiation monitor sample lines lacked automatic remote manual or locked shut isolation valve. Exemption request from GDC 57 initiated. W/900209 lr. NOONAN, T.P. Duquesne Light Co. 90/02/09. 5pp. 52713:156-52713:160.

## V. Operator Examinations

**9002140149** Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by facility licensees, respectively. All applications for licenses to be submitted on revised forms by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. SIEBER, J.D. Duquesne Light Co. 8pp. 52653:320-52653:327.

**9002090173** Informs of license withdrawals for two individuals assigned to facility. Based on present job assignments individuals do not require NRC licenses. SIEBER, J.D. Duquesne Light Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52614:030-52614:030.

## DOCKET 50-335 ST. LUCIE PLANT, UNIT 1

## F. Security, medical, emergency & fire protection plans

**9002050086** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Review to assure adequacy of maint practices, operating & emergency procedures will be completed prior to end of Fall 1991. GOLDBERG, J.H. Florida Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 5pp. 52542:357-52542:360.

**9002010286** Revised EIPs, including Rev 17 to 3100022E, Rev 43 to 3100023E, Rev 12 to 3100025E & Rev 13 to 3100026E. W/900126 lr. SAGER, D.A. Florida Power & Light Co. 90/01/26. 68pp. 52505:099-52505:165.

**9002150186** Rev 13 to EIP 3100033E, "Offsite Dose Calculations." W/ 900208 lr. SCHMIDT, A.D., SAGER, D.A. Florida Power & Light Co. 90/02/08. 31pp. 52656:266-52656:296.

## 94 DOCKETED ITEMS

### P. Operating license stage documents & correspondence

- 9002050077 Informs of plans to apply ASME Code Case N-356 at plants to allow certification period to be extended to 5 yrs. Rev to inservice insp programs will include use of code case.  
ACOSTA, R.J. Florida Power & Light Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52542:001-52542:001.
- 9002050086 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Review to assure adequacy of maint practices, operating & emergency procedures will be completed prior to end of Fall 1991.  
GOLDBERG, J.H. Florida Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 5pp. 52542:357-52542:360.
- 9002120004 Forwards 10CFR50.62 implementation status for plant ATWS mods, per 890301 meeting w/NRC. Production of auxiliary feedwater actuation sys matrix relay cards by C-E complete & cards delivered to plant site.  
SAGER, D.A. Florida Power & Light Co. 90/01/27. Document Control Branch (Document Control Desk). 3pp. 52617:304-52617:306.
- 9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002090283 Application for amend to Licenses DPR-67 & NPF-16, revising general statement in Tech Spec 6.5.2.2, defining requisite level of expertise for membership on company nuclear review board.  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52614:301-52614:306.
- 9002090286 Proposed Tech Spec 6.5.2.2, revising requisite level of expertise for membership on company nuclear review board.  
\* Florida Power & Light Co. 90/02/01. 3pp. 52614:304-52614:306.
- 9002150179 Responds to NRC 891115 ltr re potentially invalid leak detection tests used as alternative to ASME Code.  
SAGER, D.A. Florida Power & Light Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52677:009-52677:012.

### Q. Inspection reports, IE Bulletins & correspondence

- 9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001300450 Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Reactor staff which assists in overseeing refueling operation trained on requirements of fuel loading procedures.  
GOLDBERG, J.H. Florida Power & Light Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52490:299-52490:301.
- 9001310081 Forwards Insp Repts 50-335/89-24 & 50-389/89-24 on 891002-06, 16-20, 1030-1103 & 29 & notice of violation. Findings show that licensee developed good maint program w/good implementation. Unresolved item noted.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 4pp. 52503:004-52503:092.
- 9001310083 Notice of violation from insp on 891002-1129. Violations noted: on 891103, activities affecting quality not accomplished w/procedures which resulted in incomplete & illegible records of activities.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/23. 2pp. 52503:008-52503:009.
- 9001310087 Insp Repts 50-335/89-24 & 50-389/89-24 on 891002-06, 16-20, 1030-1103 & 29. Violations noted. Major areas inspected: maint program & implementation. Overall program judged to be good w/good implementation. One unresolved item identified.  
CROWLEY, B.R., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/10. 83pp. 52503:010-52503:092.
- 9001310260 Forwards Insp Repts 50-335/89-29 & 50-389/89-29 on 891127-1201 & notice of violation.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52511:164-52511:168.
- 9001310263 Notice of violation from insp on 891127-1201. Violation noted: Unit 2 Limit torque actuators failed to operate as designed on 890923, following manual reactor trip.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. 2pp. 52511:167-52511:168.
- 9001310266 Insp Repts 50-335/89-29 & 50-389/89-29 on 891127-1201. Violation noted. Major areas inspected: licensee program for contractor oversight, vendor technical manuals & licensee response to failure of Unit 2 valves on 890923.  
GLASMAN, M.M., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/17. 7pp. 52511:169-52511:175.
- 9002010302 Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-27 & 50-389/89-27. Implementation of corrective actions will be examined during future insps.  
SINKULE, M.V. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 2pp. 52505:091-52505:092.
- 9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9001240190 NRC Info Notice 90-007, "New Info re Insulation Mat Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002120053 Forwards corrected Page 2 to notice of violation from Insp Repts 50-335/89-29 & 50-389/89-29, adding severity level.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/30. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52617:319-52617:322.

9002120057 Corrected Page 2 to notice of violation from insp, including discussion of Severity Level IV violation re worn limit switch pinion drive gear in valve MV-09-10.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. 1p. 52617:322-52617:322.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002130372 Ack receipt of 900115 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-27 & 50-389/89-27. NRC understands that corrective actions re step documentation will be completed by 901001.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/02/02. GOLDBERG, J.H. Florida Power & Light Co. 4pp. 52648:192-52648:195.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

9002150179 Responds to NRC 891115 ltr re potentially invalid leak detection tests used as alternative to ASME Code.  
SAGER, D.A. Florida Power & Light Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52677:009-52677:012.

### R. Periodic operating reports & related correspondence

9002020192 "Marine Turtle Removals St Lucie Plant Intake Canal, Oct-Dec 1989." W/ 900123 ltr.  
SAGER, D.A. Florida Power & Light Co. 89/12/31. 4pp. 52540:115-52540:118.

### S. Reportable occurrences, LERs & related correspondence

- 9002070001 LER 89-008-00: on 891229, discovered that source 29 not on health physics list of sealed sources & had missed two leak tests. Caused by personnel error. Leak test performed per Procedure HP-43 & audit of sources completed. W/ 900129 ltr.  
HOLFIELD, C.D., SAGER, D.A. Florida Power & Light Co. 90/01/28. 4pp. 52590:090-52590:093.
- 9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### V. Operator Examinations

9002160212 Advises that licensed operator retake requalification exams scheduled for wk of 900402. Day-shift time on facility simulator device must be allocated for both development & administration periods.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/05. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52658:189-52658:191.

### DOCKET 50-336 MILLSTONE NUCLEAR POWER STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

- 9001300293 Forwards Safety Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204. Plans & schedules re improvements of check valve performance requested in response to events involving check valve failures in safety-related applications.  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/01/19. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52471:048-52471:114.
- 9001300298 Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204. Major areas inspected: plant operations, surveillance, maint, previously identified items, engineering/technical support, committee activities, security & allegations.  
HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/01/18. 65pp. 52471:050-52471:114.
- 9001290212 Rev 12 to EPIP-4211, "On Call Procedure."  
SCACE, S. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/22. 18pp. 52467:123-52467:140.
- 9002020056 Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL, W.T. Region 1, Ofc of the Director. 51pp. 52528:096-52528:146.
- 9002070415 Advises that until 890314 submittal of Rev 8 to physical security plan re waste disposal bldg & boron recovery bldg, incorrectly designated in figures as vital areas. Review of areas confirmed that no equipment exists in subj bldgs.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52593:020-52593:021.

**H. General correspondence**

- 9002080209** Comment opposing proposed rule 10CFR170, "Rev of FY90 Fee Schedules:Radiolotope Licenses & Topical Rept." MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 90/01/31. Docketing & Services Branch. 3pp. 52567:131-52567:133.
- 9002080232** Comment opposing proposed rule 10CFR2 re mod to enforcement policy allowing escalation in civil penalties for violations of NRC requirements where root cause involves programmatic maint-related Implications. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 90/02/05. Docketing & Services Branch. 3pp. 52567:101-52567:103.
- 9002150151** Advises of changes to util distribution llists for correspondence from NRC due to organizational title changes. Revs to distribution list encl. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/02/08. Document Control Branch (Document Control Desk). 9pp. 52677:069-52677:077.
- 9002220016** Comment opposing rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Low specific activity packages should be exempted from proposed IAEA Safety Series 6 as revised in 1986 changes. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/09. Docketing & Services Branch. 11pp. 52658:341-52658:351.

**P. Operating license stage documents & correspondence**

- 9002020243** Submits revised schedule to resolve USI A-46 re generic implementation procedures developed by Seismic Qualification Util Group.If final NRC SER issued during First Quarter 1990 walkdowns could be done during second refueling outage. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52539:266-52539:268.
- 9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.
- 9002090246** Informs of plans to resolve problems experienced during last two summers w/high svc water temps slightly above 90 F. Proposed license amend requests will be submitted limiting UHS temps for Haddam Neck & Millstone Unit 2. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52599:083-52599:084.
- 9002080199** Takes issue w/NRC position,contained in 890814 ltr,that leak rate testing of containment air recirculation fan cooler inlet & outlet valves in reactor bldg closed cooling water sys must be performed.Clarification requested. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/31. Document Control Branch (Document Control Desk). 3pp. 52593:172-52593:174.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002090097** Notification of Significant Licensee Meeting 90-13 on 900208 W/licensee in Region 1 ofc to discuss nuclear safety concerns program enhancements. HAVERKAMP,D.R. Region 1, Ofc of the Director. 90/02/01. Region 1, Ofc of the Director. 2pp. 52607:069-52607:070.
- 9002150225** Forwards corrected Amends 35 & 144 to Licenses DPR-21 & DPR-65,respectively.Changes issued in Amends 34 & 143 not reflected in Amends 35 & 144. STOLZ,J.F. Project Directorate I-4. 90/02/01. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 3pp. 52656:071-52656:076.
- 9002150228** Corrected Amends 35 & 144 to Licenses DPR-21 & DPR-65, respectively re administrative controls.  
\* NRC - No Detailed Affiliation Given. 90/02/01. 3pp. 52656:074-52656:076.

**Q. Inspection reports, IE Bulletins & correspondence**

- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001300293** Forwards Safety Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204.Plans & schedules re improvements of check valve performance requested in response to events involving check valve failures in safety-related applications. WENZINGER,E.C. Region 1, Ofc of the Director. 90/01/19. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52471:048-52471:114.
- 9001300298** Insp Repts 50-245/89-25 & 50-336/89-23 on 891021-1204.Major areas inspected:plant operations,surveillance,maint, previously identified items,engineering/technical support, committee activities,security & allegations. HAVERKAMP,D.R. Region 1, Ofc of the Director. 90/01/18. 65pp. 52471:050-52471:114.
- 9001310115** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Personnel trained in overall control procedure for fuel movement. MROCZKA,E.J., SEARS,C.F. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. Document Control Branch (Document Control Desk). 4pp. 52504:149-52504:152.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002140107** Discusses updated implementation schedule re dedication of commercial-grade items,per Insp Repts 50-245/89-80, 50-336/89-80 & 50-423/89-80 on 890430-0616 & 0710-14. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52650:266-52650:267.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:362.

**9002070458** Responds to NRC 900103 ltr re violation noted in Insp Repts 50-245/89-23 & 50-336/89-22 on 890906-1020.Corrective actions:SP-412L satisfactorily performed & independent check periodically performed by QC personnel. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/31. RUSSELL,W.T. Region 1, Ofc of the Director. 5pp. 52593:155-52593:159.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002150365** Comments on Insp Repts 50-245/89-20,50-336/89-19 & 50-423/89-20 issued on 891026.Clarifies events surrounding inoperable diesel generators. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52677:001-52677:003.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230474** Forwards Insp Repts 50-245/90-03,50-336/90-04 & 50-423/90-03 on 900119-29.Enforcement conference scheduled on 900131 to discuss violation re shipment of underwater shearer/compactor in excess of allowable radiation level. KNAPP,M.R. Region 1, Ofc of the Director. 90/02/05. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 52702:350-52702:354.

**-9002230477** Insp Repts 50-245/90-03,50-336/90-04 & 50-423/90-03 on 900119-29.Violation noted.Major areas inspected: circumstances surrounding 900117 shipment of underwater shearer/compactor equipment to Duane Arnold Energy Ctr. FURIA,J., KUTTAN,J., BORES,R. Region 1, Ofc of the Director. 90/02/01. 2pp. 52702:353-52702:354.

**9002140221** Partial response to FOIA request for documents.App Q documents encl.App Q & S documents available in PDR.App R documents totally withheld (ref FOIA Exemption 5). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN,D. Blecher & Collins. 15pp. 52631:235-52632:013.

**-9002140232** Informs of need to retain all breakers identified as unacceptable for use during testing & review required by NRC Bulletin 88-010 in order to support NRC review of issue. KANE,W.F. Region 1, Ofc of the Director. 89/01/10. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 1p. 52631:261-52631:273.

**9002160063** Notification of 900222 meeting w/util in Rockville,MD to discuss results of recent steam generator tube Insp at Unit 2. VISSING,G.S. Project Directorate I-4. 90/02/09. STOLZ,J.F. Project Directorate I-4. 3pp. 52668:359-52668:361.

**R. Periodic operating reports & related correspondence**

**9002140230** Monthly operating rept for Jan 1990 for Millstone Unit 2. W/900205 ltr. NERON,G., SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/01/31. 5pp. 52653:157-52653:161.

**S. Reportable occurrences, LERs & related correspondence**



## 96 DOCKETED ITEMS

**9002070122** Special rept on 900102, radiation monitor removed from svc & 7-day time allowed exceeded during calibr. Replacement detector on order since Nov 1989 & will be replaced & recalibr.  
SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52604:290-52604:291.

**9002140090** Special 30-day rept on 891102 & 09, plant-related Zn-65 concentrations in oysters exceeded reporting level criteria. Caused by operation of zinc injection sys & dumping shell side HX water into radwaste. LADTAP code will be revised.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/30. Document Control Branch (Document Control Desk). 8pp. 52655:110-52655:117.

**9002220708** LER 90-001-00: on 900110, discovered that surveillances in Tech Specs for new smoke detectors & suppression sys not performed. Caused by personnel error. Fire protection sections of Tech Specs updated. W/900209 ltr.  
BATES,R.W., SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/02/09. 4pp. 52712:258-52712:261.

### V. Operator Examinations

**9002150230** Forwards revised NRC Forms 398 & 396 re personal qualifications statement- licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 9pp. 52656:297-52656:304.

**9002140118** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 8pp. 52655:344-52655:351.

**9002080129** Advises that need no longer exists to maintain senior OL of listed personnel, effective 891231.  
SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52594:028-52594:028.

**9002230510** Advises that evaluation of requalification program & licensed personnel at facility scheduled for wk of 900618. Encl ref matts requested by 900427.  
ESELGROTH,P.W. Region 1, Ofc of the Director. 90/02/14. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 8pp. 52708:269-52708:276.

### DOCKET 50-338 NORTH ANNA POWER STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9001290001** Forwards "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'" & "Surry... Table 5.1, 'Min Staffing Requirements...'" for approval, per 10CFR50.54(a), NUREG-0654 & NUREG-0737, Suppl 1.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52469:060-52469:076.

**-9001290003** Draft "Surry Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'."  
\* Virginia Power (Virginia Electric & Power Co.). 90/01/17. 10pp. 52469:067-52469:076.

**9002150273** Forwards summary of 900116 meeting w/util in Region II ofc re status rept on emergency preparedness upgrade program.  
STOHR,J.P. Region 2, Ofc of the Director. 90/01/31. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52677:004-52677:008.

### H. General correspondence

**9001300323** Requests that future correspondence from NRC re ISFSI be addressed to author at listed address & that listed individuals be included in carbon copy distribution.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:070-52490:071.

### P. Operating license stage documents & correspondence

**9001290054** Application for amends to Licenses NPF-4 & NPF-7 to support planned fuel design change from Westinghouse low parasitic 17x17 (LOPAR) fuel assembly to new 17x17 assembly w/VANTAGE 5H fuel assembly design features.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/15. Document Control Branch (Document Control Desk). 3pp. 52468:118-52468:148.

**-9001290058** Proposed Tech Specs re limiting condition for operation & surveillance requirements for rod drop time, reactor coolant loops & reactivity control sys.  
\* Virginia Power (Virginia Electric & Power Co.). 90/01/15. 28pp. 52468:121-52468:148.

**9002070306** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Belief in appropriateness to address Generic Ltr 89-13 concerns within context of established programmatic improvements noted.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52604:267-52604:276.

**9002130283** Concurs in revised implementation schedule re control room habitability sys, instrument air sys, MIDAS software & hardware & inservice testing flow instrumentation revised commitments for design mods, per 891221 submittal.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/01/30. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52648:227-52648:229.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002080186** Application for amends to Licenses NPF-4 & NPF-7, replacing independent/operational event review group w/mgt safety review committee as organization responsible for offsite review function.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52609:211-52609:240.

**-9002080189** Proposed Tech Specs replacing independent/operational event review group w/mgt safety review committee as organization responsible for offsite review function.  
\* Virginia Power (Virginia Electric & Power Co.). 90/02/01. 27pp. 52609:214-52609:240.

**9002140131** Forwards Amends 125 & 109 to Licenses NPF-4 & NPF-7, respectively & safety evaluation. Amends revise Tech Spec definition of ESF slave relay test.  
ENGLE,L.B. Project Directorate II-2. 90/02/02. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52651:326-52651:346.

**-9002140133** Amends 125 & 109 to Licenses NPF-4 & NPF-7, respectively, revising Tech Spec definition of ESF slave relay test.  
BERKOW,H.N. Project Directorate II-2. 90/02/02. 14pp. 52651:329-52651:342.

**-9002140136** Safety evaluation supporting Amends 125 & 109 to Licenses NPF-4 & NPF-7, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 4pp. 52651:343-52651:346.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310288** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures to be revised & familiarization sessions will be conducted prior to each refueling outage.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52504:153-52504:155.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52558:238-52558:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### S. Reportable occurrences, LERs & related correspondence

**9001300354** LER 89-019-00: on 891228, discovered that outer door of containment equipment escape air lock was drawing in air & inner door noted as not being in fully closed position. Cause undetermined. Sys enhancements being evaluated. W/900119 ltr.  
KANE,G.E. Virginia Power (Virginia Electric & Power Co.). 90/01/19. 5pp. 52494:104-52494:108.

**9002140269** Suppls response to 891211 & 22 special repts re inoperable Kaman process vent radiation monitors R1-GW-178 & R1-VG-179. Monitor R1-GW-178 failed to pass post-maint calibr for sample flow & will not be returned to svc by 900131.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52653:216-52653:217.

**9002120066** Part 21 rept re two of three PC cards in GE Type SLV11A1 over/undervoltage relays failing to produce output. Short between leads would result in damage to component IC5. Sketch of threshold detection board encl.  
TEAGUE,J.E. General Electric Co. 90/02/02. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52607:055-52607:057.



9002230022 LER 90-002-00: on 900127, fuel bldg ventilation sys not aligned to discharge through auxiliary bldg HEPA filter & charcoal adsorber assembly during fuel movement. Caused by personnel error. Disciplinary action taken. W/900205 ltr. KANE, G.E. Virginia Power (Virginia Electric & Power Co.). 90/02/05. 5pp. 52713:161-52713:165.

9002220365 LER 90-001-00: on 900123, reactor trip occurred on steam feedwater flow mismatch. Caused by failed circuit driver card on feedwater regulating valve. Feedwater regulating valve driver card replaced. W/900208 ltr. KANE, G.E. Virginia Power (Virginia Electric & Power Co.). 90/02/08. 7pp. 52658:090-52658:096.

#### DOCKET 50-339 NORTH ANNA POWER STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

9001290001 Forwards "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'" & "Surry... Table 5.1, 'Min Staffing Requirements...'" for approval. per 10CFR50.54(g), NUREG-0654 & NUREG-0737, Suppl 1. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52469:060-52469:076.

9001290003 Draft "Surry Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'." \* Virginia Power (Virginia Electric & Power Co.). 90/01/17. 10pp. 52469:067-52469:076.

9002150273 Forwards summary of 900116 meeting w/util in Region II of re status rept on emergency preparedness upgrade program. STORR, J.P. Region 2, Ofc of the Director. 90/01/31. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52677:004-52677:008.

##### H. General correspondence

9001300323 Requests that future correspondence from NRC re ISFSI be addressed to author at listed address & that listed individuals be included in carbon copy distribution. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:070-52490:071.

##### P. Operating license stage documents & correspondence

9001290054 Application for amendments to Licenses NPF-4 & NPF-7 to support planned fuel design change from Westinghouse low parasitic 17x17 (LOPAR) fuel assembly to new 17x17 assembly w/VANTAGE 5H fuel assembly design features. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/15. Document Control Branch (Document Control Desk). 3pp. 52468:118-52468:148.

9001290058 Proposed Tech Specs re limiting condition for operation & surveillance requirements for rod drop time, reactor coolant loops & reactivity control sys. \* Virginia Power (Virginia Electric & Power Co.). 90/01/15. 28pp. 52468:121-52468:148.

9002070306 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Belief in appropriateness to address Generic Ltr 89-13 concerns within context of established programmatic improvements noted. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52604:267-52604:276.

9002130283 Concurs in revised implementation schedule re control room habitability sys, instrument air sys, MIDAS software & hardware & inservice testing flow instrumentation revised commitments for design mods. per 891221 submittal. EBNETER, S.D. Region 2, Ofc of the Director. 90/01/30. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52648:227-52648:229.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002080186 Application for amendments to Licenses NPF-4 & NPF-7, replacing independent/operational event review group w/mgt safety review committee as organization responsible for offsite review function. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52609:211-52609:240.

9002080189 Proposed Tech Specs replacing independent/operational event review group w/mgt safety review committee as organization responsible for offsite review function. \* Virginia Power (Virginia Electric & Power Co.). 90/02/01. 27pp. 52609:214-52609:240.

9002140131 Forwards Amends 125 & 109 to Licenses NPF-4 & NPF-7, respectively & safety evaluation. Amends revise Tech Spec definition of ESF slave relay test. ENGLE, L.B. Project Directorate II-2. 90/02/02. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52651:326-52651:346.

9002140133 Amends 125 & 109 to Licenses NPF-4 & NPF-7, respectively, revising Tech Spec definition of ESF slave relay test. BERKOW, H.N. Project Directorate II-2. 90/02/02. 14pp. 52651:329-52651:342.

9002140136 Safety evaluation supporting Amends 125 & 109 to Licenses NPF-4 & NPF-7, respectively. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 4pp. 52651:343-52651:346.

##### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310288 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures to be revised & familiarization sessions will be conducted prior to each refueling outage. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52504:153-52504:155.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

9002070182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

##### S. Reportable occurrences, LERs & related correspondence

9002140269 Supplis response to 891211 & 22 special reptis re inoperable Kaman process vent radiation monitors R1-GW-178 & R1-VG-179. Monitor R1-GW-178 failed to pass post-maint calibr for sample flow & will not be returned to svc by 900131. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52653:216-52653:217.

9002120066 Part 21 rept re two of three PC cards in GE Type SLV11A1 over/undervoltage relays failing to produce output. Short between leads would result in damage to component 1CS. Sketch of threshold detection board encl. TEAGUE, J.E. General Electric Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52607:055-52607:057.

#### DOCKET 50-341 ENRICO FERMI ATOMIC POWER PLANT, UNIT 2

##### E. NRC Safety Evaluation Report (SER), supplis & correspondence

9001290111 Forwards safety evaluation concluding that License Condition 2.C.(4) re in-plant safety relief valve discharge tests of conservatism of certain loads applied in analysis of Mark I containment met. per SSER 5 (NUREG-0798). STANG, J.F. Project Directorate III-1. 90/01/18. SYLVIA, B.R. Detroit Edison Co. 3pp. 52454:087-52454:093.

9001290113 Safety evaluation concluding that util satisfied License Condition 2.C.(4) re performing in-plant test for confirming that safety relief valve discharge loads conservative & safety margin adequate. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/18. 4pp. 52454:090-52454:093.

##### F. Security, medical, emergency & fire protection plans

9001290036 Rev 12 to Radiological ERPIP EP-290, "Emergency Notifications." \* Detroit Edison Co. 90/01/12. 20pp. 52453:307-52453:326.

9002050255 Rev 2 to radiological emergency response plan. \* Detroit Edison Co. 90/01/17. 253pp. 52549:001-52549:263.

9002010010 Rev 5 to RERP Plan Implementing Procedure EP-205-01, "Security Force." \* Detroit Edison Co. 90/01/22. 14pp. 52531:213-52531:226.

9001310245 Forwards Maint Team Insp Rept 50-341/89-24 on 891030-1103 & 1113-17 & notice of violation. Strengths & weaknesses noted in implementation of maint & engineering programs. MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. SYLVIA, B.R. Detroit Edison Co. 5pp. 52514:236-52514:297.

9001310248 Notice of violation from insp on 891030-1103 & 1113-17. Violations noted: approved transient combustible review worksheet not obtained for 19 barrels of lubricating oil per Procedure NPP-FP1-01, "Fire Protection," Rev 2. MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. 3pp. 52514:242-52514:244.

## 98 DOCKETED ITEMS

**9002150075** Rev 3 to radiological emergency response planning implementing procedures index for Books 1 & 2.  
MULVEHILL,J.M. Detroit Edison Co. 90/01/25. 18pp. 52676:299-52676:316.

**9002120272** Revised radiological emergency response plan implementing procedures,including Rev 5 to EP-201-03 & Rev 2 to EP-220.  
VANDEPUTTE,M. Detroit Edison Co. 90/01/31. 49pp. 52631:129-52631:177.

**9002130289** Ack receipt of 891106 response to Generic Ltr 89-07,Suppl. 1, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." NRC understands that plant safeguards contingency plan revised to include short-term actions.  
ENG,P.L. Project Directorate III-1. 90/02/06. SYLVIA,B.R. Detroit Edison Co. 3pp. 52647:358-52647:360.

**9002220248** Forwards FEMA joint exercise rept of 880518 joint offsite emergency preparedness exercise.identified deficiencies were corrected & demonstrated during 881103 remedial exercise.  
GREGER,L.R. Region 3, Ofc of the Director. 90/02/06. SYLVIA,B.R. Detroit Edison Co. 2pp. 52674:239-52674:232.

**9002220295** Forwards Rev 3 to radiological emergency response plan, incorporating changes to initiating conditions for notification of unusual event emergency classification.  
SYLVIA,B.D. Detroit Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 20pp. 52689:051-52689:105.

**-9002220311** Proposed rev to Section D to radiological emergency response plan.  
\* Detroit Edison Co. 90/02/09. 35pp. 52689:071-52689:105.

**9002140179** Forwards response to violations noted in Insp Rept 50-341/89-31 re maint support for security equipment.Addl instrumentation & control repairemen hired.Encl withheld (ref 10CFR73.21).  
ORSEER,W.S. Detroit Edison Co. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52650:271-52650:272.

### K. Utility Final Safety Analysis Report (FSAR) & amends

**9002060234** Fermi 2 updated FSAR Changes 88-121 & 88-114 re addition of Swan Creek Substation on 120-volt kV line to Brownstown line & station air compressor,aftercooler & receiver drains modified to improve air removal,respectively.  
\* Detroit Edison Co. 89/09/19. 24pp. 52569:215-52569:238.

### P. Operating license stage documents & correspondence

**90021310406** Licensing Change Request 89-213-UFS to updated FSAR for Fermi 2.  
\* Detroit Edison Co. 89/11/01. 35pp. 52514:173-52514:207.

**9002160014** Forwards Amend 46 to License NPF-43 & safety evaluation. Amend revises Tech Spec to reflect deletion of special test exceptions - oxygen concentration.  
STANG,J.F. Project Directorate III-1. 89/11/28. SYLVIA,B.R. Detroit Edison Co. 4pp. 52668:324-52668:343.

**-9002160016** Amend 46 to License NPF-43, revising Tech Specs to reflect deletion of special test exceptions - oxygen concentration.  
THOMA,J.O. Project Directorate III-1. 89/11/28. 13pp. 52668:328-52668:340.

**-9002160018** Safety evaluation supporting Amend 46 to License NPF-43.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 89/11/28. 3pp. 52668:341-52668:343.

**9001300145** Licensing change requests for updated FSAR including. 89-027-UFS,89-024-UFS,89-021-UFS,89-019-UFS & 89-001-UFS.  
\* Detroit Edison Co. 89/12/20. 130pp. 52495:192-52495:352.

**9001300197** "Fermi 2 Updated FSAR Change Requests,Updated FSAR Vol XI."  
\* Detroit Edison Co. 90/01/12. 2pp. 52490:264-52490:265.

**9002060222** Rev 0 to licensing change request (LCR) for updated FSAR, including LCRs, 89-032-UFS,89-164-UFS,89-221-UFS,89-225-UFS, 89-231-UFS,89-232-UFS,89-234-UFS,89-235-UFS,89-236-UFS, 89-238-UFS & 89-239-UFS.  
MURPHY,T. Detroit Edison Co. 90/01/12. 58pp. 52569:251-52569:308.

**9001290131** Advises that individual plant exam approach & methodology, described in 891025 ltr,per Generic Ltr 88-20,acceptable. Schedule changes should be reported to NRC.  
STANG,J.F. Project Directorate III-1. 90/01/18. SYLVIA,B.R. Detroit Edison Co. 3pp. 52454:129-52454:131.

**9001300033** Forwards Amend 49 to License NPF-43 & safety evaluation. Amend revises Tech Spec provisions to allow primary & secondary containment penetrations be verified closed each cold shutdown rather than every 31 days.  
STANG,J.F. Project Directorate III-1. 90/01/18. SYLVIA,B.R. Detroit Edison Co. 5pp. 52496:269-52496:291.

**-9001300036** Amend 49 to License NPF-43, revising Tech Spec provisions to allow primary & secondary containment penetrations be verified closed each cold shutdown rather than every 31 days.  
THOMA,J.O. Project Directorate III-1. 90/01/18. 14pp. 52496:274-52496:287.

**-9001300037** Safety evaluation supporting Amend 49 to License NPF-43.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/18. 4pp. 52496:288-52496:291.

**9002060229** Licensing change requests for updated FSAR,including log count rates (LCR) 88-037-UFS,LCR 88-047-UFS & LCR 88-045-UFS,W/one oversize encl.  
\* Detroit Edison Co. 90/01/19. 80pp. 52590:214-52590:316.

**9002020208** Responds to 10CFR26 re fitness-for-duty programs.Utl conducting testing for drugs described in 10CFR26,App A, Section 2.1(a) & at cutoff levels defined in Sections 2.7(3)(1) & 2.7(3)(2) as of 900103.  
SYLVIA,B.R. Detroit Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52529:344-52529:345.

**9002020289** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Monitoring & treatment programs to reduce incidents of flow blockage due to biofouling will be implemented during early 1991.  
SYLVIA,B.R. Detroit Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 8pp. 52529:336-52529:343.

**9002060248** Application for amend to License NPF-43,changing Tech Specs 3/4.4.7,3/4.6.3,3/4.6.4.2 & Definition 1.29 re containment isolation valves.  
SYLVIA,B.R. Detroit Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 10pp. 52604:187-52604:202.

**-9002060251** Proposed Tech Specs 3/4.4.7,3/4.6.3,3/4.6.4.2 & Definition 1.29 re main steam isolation valves,primary containment isolation valves,reactor bldg to suppression chamber vacuum breakers & primary containment integrity,respectively.  
\* Detroit Edison Co. 90/01/26. 6pp. 52604:197-52604:202.

**9002060336** Application for amend to License NPF-43,adding new Tech Spec 3/4.7.10 for noninterruptible control air sys to prevent unnecessary plant shutdowns in event of control air compressor failure which requires extensive repairs.  
SYLVIA,B.R. Detroit Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 13pp. 52555:148-52555:167.

**-9002060339** Proposed new Spec 3/4.7.10 re limiting condition for operation & surveillance requirements for noninterruptible control air sys.  
\* Detroit Edison Co. 90/01/26. 7pp. 52555:161-52555:167.

**9002020081** Advises that request for withdrawal of proposed amend re ECCS actuation granted.  
ENG,P.L. Project Directorate III-1. 90/01/30. SYLVIA,B.R. Detroit Edison Co. 3pp. 52539:259-52539:261.

**9002020176** Advises that request for amend to License NPF-43 to modify Tech Specs re control of suppression chamber-to-drywell vacuum breakers considered withdrawn.Utl determined amend no longer required.  
ENG,P.L. Project Directorate III-1. 90/01/30. SYLVIA,B.R. Detroit Edison Co. 3pp. 52529:320-52529:322.

**9002050275** Grants request for withdrawal of 880629 application for amend to License NPF-43,modifying Tech Specs re provisions to reset instrument channels &/or trip sys & to remove requirements to place channels in tripped condition.  
ENG,P.L. Project Directorate III-1. 90/01/30. SYLVIA,B.R. Detroit Edison Co. 3pp. 52547:317-52547:319.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002070011** Forwards safety evaluation approving util 890926 request for relief from inservice testing program for pumps & valves,per ASME Code Section XI,Paragraph IWB-3522 for check valves E11-F408 & E11-F409.  
STANG,J.F. Project Directorate III-1. 90/02/01. SYLVIA,B.R. Detroit Edison Co. 3pp. 52612:280-52612:285.

**-9002070012** Safety evaluation approving util 890926 request for relief from inservice testing program for pumps & valves requirements in ASME Code,Section XI,Paragraph IWB-3522.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/01. 3pp. 52612:283-52612:285.

**9002130291** Forwards safety evaluation granting relief from ASME inservice testing program for pumps & valves,per util 881206 request.  
STANG,J.F. Project Directorate III-1. 90/02/06. SYLVIA,B.R. Detroit Edison Co. 4pp. 52647:306-52647:315.

**-9002130298** Safety evaluation granting relief from requirements to perform Category A containment isolation air leakage test on each valve individually,per util 881206 request.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 6pp. 52647:310-52647:315.

**9002220394** Forwards notice of consideration of issuance of amend to License NPF-43 & proposed NSHC determination & opportunity for hearing on 890927 application for amend to license.  
STANG,J.F. Project Directorate III-1. 90/02/14. SYLVIA,B.R. Detroit Edison Co. 3pp. 52672:179-52672:188.

**-9002220399** Notice of consideration of issuance of amend to License NPF-43 & proposed NSHC determination & opportunity for hearing.Amend revises Tech Specs to add remote-manual primary containment isolation valve to instrumentation.  
ENG,P. Project Directorate III-1. 90/02/09. 7pp. 52672:182-52672:188.

**9002230084** Forwards order modifying License NPF-43 issued to licensee on 900212 for transmittal to Ofc of FR for publication,W/o encl.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/02/15. LESAR,M.T. Regulatory Publications Branch. 1p. 52702:280-52702:280.

**9002230467** Forwards Amend 51 to License NPF-43 & safety evaluation. Amend changes Tech Spec 3/4.7.1.5 for UHS to better reflect as-built conditions of plant & design basis.  
STANG,J.F. Project Directorate III-1. 90/02/20. SYLVIA,B.R. Detroit Edison Co. 4pp. 52714:215-52714:234.

**-9002230472** Amend 51 to License NPF-43, revising Tech Spec 3/4.7.1.5 for UHS to better reflect as-built conditions of plant & design basis.  
THOMA,J.O. Project Directorate III-1. 90/02/20. 11pp. 52714:219-52714:229.

**-9002230475** Safety evaluation supporting Amend 51 to License NPF-43.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 5pp. 52714:230-52714:234.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310140** Forwards Safety Insp Rept 50-341/89-17 on 890530-1101 & notice of violation & requests that util respond to violation by describing specific action to be taken to strengthen & improve 10CFR50.59 review process. GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/23. SYLVIA, B.R. Detroit Edison Co. 2pp. 52497:039-52497:062.

**-9001310143** Notice of violation from insp on 890530-1101. Violation noted: failure to identify unreviewed safety question & failure to evaluate change to facility as described in SAR. GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/23. 4pp. 52497:035-52497:038.

**-9001310144** Insp Rept 50-341/89-17 on 890530-1101. Violations noted. Major areas inspected: safety reviews required under 10CFR50.59. DEFAYETTE, R. Region 3, Ofc of the Director. 90/01/18. 24pp. 52497:039-52497:062.

**9001310245** Forwards Maint Team Insp Rept 50-341/89-24 on 891030-1103 & 1113-17 & notice of violation. Strengths & weaknesses noted in implementation of maint & engineering programs. MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. SYLVIA, B.R. Detroit Edison Co. 5pp. 52514:236-52514:297.

**-9001310248** Notice of violation from insp on 891030-1103 & 1113-17. Violations noted: approved transient combustible review worksheet not obtained for 19 barrels of lubricating oil per Procedure NPP-FP-01, "Fire Protection," Rev 2. MILLER, H.J. Region 3, Ofc of the Director. 90/01/24. 3pp. 52514:242-52514:244.

**-9001310251** Insp Rept 50-341/89-24 on 891030-1103 & 1113-17. Violations noted. Major areas inspected: maint, engineering, inservice testing, support of maint & related mgt activities. JABLONSKI, F.J., BURGESS, S.D., CHOULES, N.C. Region 3, Ofc of the Director. 90/01/22. 51pp. 52514:245-52514:297.

**9002020294** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valves or Valves of Similar Design." Subj valves not used by util. SYLVIA, B.R. Detroit Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52540:132-52540:134.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:126-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:026-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002120307** Responds to NRC 900102 ltr re violations noted in Insp Rept 50-341/89-30. Corrective actions: storage area in machine shop closed-out & QA1 matl returned to warehouse where positive controls in effect & shift turnover procedure revised. SYLVIA, B.R. Detroit Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 7pp. 52617:246-52617:252.

**9002130376** Forwards Insp Rept 50-341/89-36 on 891213-28 & notice of violation. Decision to issue violations at Severity Level IV based on availability of redundant signals to actuate affected safety sys. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/01. SYLVIA, B.R. Detroit Edison Co. 2pp. 52647:137-52647:151.

**-9002130379** Notice of violation from insp on 891213-28. Violations noted: on 891030 & 1208, reactor vessel water level isolation actuation instrumentation, Channels C & D, both inoperable as result of improper installation, in violation of Tech Specs. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/01. 2pp. 52647:139-52647:140.

**-9002130381** Insp Rept 50-341/89-36 on 891213-28. Violations noted. Major areas inspected: circumstances surrounding improper installation of wide-range reactor water level transmitter B21NO81C. AXELSON, W.L. Region 3, Ofc of the Director. 90/02/01. 11pp. 52647:141-52647:151.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:236-52556:317.

**9002130385** Forwards Safety Insp Rept 50-341/89-33 on 891228-900108. Violations noted. Util will be notified by separate correspondence of NRC decision re enforcement action for issues. GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/02. SYLVIA, B.R. Detroit Edison Co. 2pp. 52647:026-52647:037.

**-9002130386** Safety Insp Rept 50-341/89-33 on 891228-900108. Violations noted. Major areas inspected: circumstances described in LER 89-31. AXELSON, W.L. Region 3, Ofc of the Director. 90/02/01. 10pp. 52647:028-52647:037.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002140179** Forwards response to violations noted in Insp Rept 50-341/89-31 re maint support for security equipment. Addl instrumentation & control repairmen hired. Encl withheld (ref 10CFR73.21). ORSER, W.S. Detroit Edison Co. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52650:271-52650:272.

**9002150143** EN-90-017: on 900208, NRC approved issuance of order modifying license & issuance of notice of violation on 900212 re violations involving deliberate matl false statements & failure to evaluate const deficiencies from 1984 to 1986. LUEHMAN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/12. 1p. 52656:204-52656:204.

**S. Reportable occurrences, LERs & related correspondence**

**9001300245** LER 89-036-00: on 891218, control room operator inadvertently depressed closed push buttons on inboard MSIVs A, B & C & reactor scram resulted. Caused by operator error. Operator involved was removed from licensed duties. W/900117 ltr. PENDERGAST, J., ORSER, W.S. Detroit Edison Co. 90/01/17. 5pp. 52494:095-52494:099.

**9002020205** LER 89-039-00: on 891226, Div I emergency equipment cooling water & svc water sys automatically started due to partial load shed of bus 72E. Caused by personnel error. Accountability meeting held on 900117. W/900125 ltr. PENDERGAST, J., ORSER, W.S. Detroit Edison Co. 90/01/25. 4pp. 52536:027-52536:030.

**9002080297** LER 89-028-01: on 891028, eight safety relief valves failed set pressure tolerance test. Cause under review by util & generically by BWR Owners Group safety relief valve setpoint drift committee. Valves removed & cleaned. W/900131 ltr. PENDERGAST, J., ORSER, W.S. Detroit Edison Co. 90/01/31. 5pp. 52590:001-52590:005.

**9002130321** LER 90-001-00: on 900108, annunciator 2D5 alarmed for Div II ECCS testability logic/power failure. Caused by blown fuse. Fuse installed during course of troubleshooting w/ no subsequent problems noted. W/900207 ltr. PENDERGAST, J., ORSER, W.S. Detroit Edison Co. 90/02/07. 6pp. 52637:024-52637:029.

**V. Operator Examinations**

**9001310131** Advises that evaluation visit to examine requalification program & licensed personnel scheduled for wk of 900528 at facility. Ref matl, listed on encl, should be provided at least 60 days prior to exam date. WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/09. SYLVIA, B.R. Detroit Edison Co. 8pp. 52503:265-52503:272.

**DOCKET 50-344 TROJAN NUCLEAR PLANT****F. Security, medical, emergency & fire protection plans**

**9002060026** Advises that 891020 Amend 19 to radiological emergency plan consistent w/ provisions of 10CFR50.47(b) & acceptable. YUHAS, G.P. Region 5, Ofc of the Director. 90/01/23. COCKFIELD, D.W. Portland General Electric Co. 2pp. 52558:063-52558:064.

**9002220186** Provides results of multiple high impedance fault analysis completed for facility. Util evaluating desirability of reducing conservatism in analysis to reduce number of manual operator actions required. COCKFIELD, D.W. Pacific Gas & Electric Co. 90/01/31. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52678:311-52678:312.

**P. Operating license stage documents & correspondence**

**9001290229** Requests addl info in response to complaint filed by JH Daily w/ Dept of Labor alleging that contract w/ util prematurely terminated due to raising safety concerns while performing duties at facility. MARTIN, J.B. Region 5, Ofc of the Director. 90/01/10. COCKFIELD, D.W. Portland General Electric Co. 3pp. 52454:073-52454:075.

**9001290039** Responds to Item 1 of Generic Ltr 89-10, "Safety-Related Motor-Operated Valve Testing & Surveillance." Util will review & document design basis for operation of safety-related valves in piping sys. COCKFIELD, D.W. Portland General Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 10pp. 52468:094-52468:103.

**9001300375** Forwards responses to questions re Portland General Electric 881024 rept, "Trojan Nuclear Plant Reactor Vessel Supports, Design Basis & Evaluation Summary," raised during 890822 meeting w/ NRC re resolution of Generic Safety Issue 15. COCKFIELD, D.W. Portland General Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 22pp. 52490:166-52490:218.

## 100 DOCKETED ITEMS

**9001310416** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Macro-biofouling program being perfected to preclude flow blockage due to biofouling in svc water sys. Status rept will be provided in Sept 1990. COCKFIELD, D.W. Portland General Electric Co. 90/01/25. MARTIN, J.B. Region 5, Ofc of the Director. 3pp. 52504:002-52504:004.

**9001310432** Forwards application for amend to License NPF-1, consisting of License Change Application 190, deleting Table 3.6-1 "Containment Isolation Valves," from plant Tech Specs. COCKFIELD, D.W. Portland General Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52503:232-52503:254.

**-9001310436** Application for amend to License NPF-1, consisting of License Change Application 190, deleting Table 3.6-1, "Containment Isolation Valves," from plant Tech Specs. COCKFIELD, D.W. Portland General Electric Co. 90/01/25. 7pp. 52503:233-52503:239.

**-9001310442** Proposed Tech Specs, deleting Table 3.6-1, "Containment Isolation Valves" & refs to table. \* Portland General Electric Co. 90/01/25. 15pp. 52503:240-52503:254.

**9002020092** Requests that encl proprietary Topical Rept BAW-2094P, Rev 1, "Recirculation Steam Generators Kinetic Sleeve Qualification for 7/8-Inch OD Tubes" be withheld (ref 10CFR2.790), per 891130 license change application. COCKFIELD, D.W. Portland General Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52539:225-52539:225.

**9002020297** Advises that individual plant exam approach, methodology & schedule, described in 891027 ltr, per Generic Ltr 88-20, acceptable. Schedule changes should be reported to NRC. BEVAN, R. Project Directorate V. 90/01/30. COCKFIELD, D.W. Portland General Electric Co. 3pp. 52539:313-52539:315.

**9002120234** PRELIMINARY STRUCTURAL EVALUATION OF TROJAN RCL SUBJECT TO POSTULATED RPV SUPPORT FAILURE. LU, S.C. Lawrence Livermore National Laboratory. FIN B-6021. NUREG/CR-5506. 90/01/31. Division of Engineering (Post 870413). 35pp. 52611:224-52611:262.

**9002120294** Forwards Rev 1 to nuclear div improvement plan. Rev provides status of recently initiated & ongoing activities. Specific measures established to address area of work control, corrective action program & procedure & document control. COCKFIELD, D.W. Portland General Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 28pp. 52617:155-52617:182.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002070437** Forwards Insp Rept 50-344/89-30 on 891218-22 & notices of violation & deviation. NRC interested in seeing util analysis of causative factors for violations similar to Item A & explanation of how to improve plan or preclude recurrence. SCARANO, R.A. Region 5, Ofc of the Director. 90/01/19. COCKFIELD, D.W. Portland General Electric Co. 3pp. 52586:212-52586:238.

**-9002070445** Notice of violation from Insp on 891218-22. Violations noted: maint worker installed temporary mod to Train B of hydrogen vent sys but signed for installing to Train A, failing to stop work & obtain direction when direction inadequate. SCARANO, R.A. Region 5, Ofc of the Director. 90/01/19. 3pp. 52586:215-52586:217.

**-9002070447** Notice of deviation from Insp on 891218-22. Deviation noted: physical configuration of Temporary Mod 89-072 installed to PRIM-1 sampling sys on 890713 did not meet criteria per ANSI N13.1-1969. SCARANO, R.A. Region 5, Ofc of the Director. 90/01/19. 4pp. 52586:218-52586:221.

**-9002070449** Insp Rept 50-344/89-30 on 891218-22. Violations & deviations noted. Major areas inspected: info review of written repts of nonroutine events, followup of open & unresolved items, followup of items of noncompliance & radwaste sys. RUSSELL, J., WENSLAWSKI, F. Region 5, Ofc of the Director. 90/01/18. 17pp. 52586:222-52586:238.

**9001300087** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling...Swing Check Valves...." No subj swing check valves installed at facility. COCKFIELD, D.W. Portland General Electric Co. 90/01/22. Document Control Branch (Document Control Desk). 1p. 52489:135-52489:135.

**9002150007** Forwards Insp Rept 50-344/89-33 on 891126-1231. No violations or deviations noted. Current insp findings reinforce need for continued strong mgt attention to violations re off-normal events & followup of LERs. RICHARDS, S.A. Region 5, Ofc of the Director. 90/01/22. COCKFIELD, D.W. Portland General Electric Co. 2pp. 52676:230-52676:252.

**-9002150008** Insp Rept 50-344/89-33 on 891126-1231. No violations or deviations noted. Major areas inspected: operational safety verification, maint, surveillance, event followup, sys engineering & open item followup. MENDONCA, M.M. Region 5, Ofc of the Director. 90/01/22. 21pp. 52676:232-52676:252.

**9002020137** Partial response to FOIA request for documents. App C & D info available in PDR. App D records also encl. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/25. WILLIAMS, O. JRA Associates. 6pp. 52499:195-52501:084.

**-9002020172** Lists questions raised during 880808-12 commercial grade procurement insp at plant concerning compliance w/ NRC requirements for safety-related structures, components or sys. Agency position re subj questions requested. KIRSCH, D.F. Region 5, Ofc of the Director. 88/09/14. KNIGHTON, G. Project Directorate V. 1p. 52501:035-52501:042.

**9001310405** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Fuel Handling Procedure FHP 5-13 re fuel shuffle & position verification will be revised to include results of scoping studies. COCKFIELD, D.W. Portland General Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52503:276-52503:278.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002070301** Forwards request for addl info re util 881223 submittal of WCAP-12024 in response to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes," for response within 45 days of receipt of ltr. BEVAN, R. Project Directorate V. 90/01/30. COCKFIELD, D.W. Portland General Electric Co. 4pp. 52598:195-52598:198.

**9002070414** Forwards request for addl info in order to complete review of plant second 10-yr interval inservice insp program. Response expected within 45 days of receipt of ltr. BEVAN, R. Project Directorate V. 90/01/30. COCKFIELD, D.W. Portland General Electric Co. 6pp. 52587:339-52587:344.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### R. Periodic operating reports & related correspondence

**9002020010** NPDES noncompliance notification: on 891201 & 02, biochemical oxygen demand in sewage treatment plant effluent exceeded limit. Caused by startup of new sewage treatment plant at facility. Oxygen demand came within spec by 891203. COCKFIELD, D.W. Portland General Electric Co. 90/01/26. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52526:149-52526:161.

**-9002020054** NPDES discharge monitoring rept for Dec 1989. HESS, R.J. Portland General Electric Co. 89/12/31. 11pp. 52526:151-52526:161.

**9002130114** Forwards annual rept of ECCS model & application changes for 1989, summarizing effects of model changes, errors & plant changes on peak cladding temp of limiting large & small break LOCAs. COCKFIELD, D.W. Portland General Electric Co. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52646:040-52646:042.

### S. Reportable occurrences, LERs & related correspondence

**9001310357** Informs that addl time needed to prepare LER 89-30, Rev 1. Rev will be submitted by 900209. YUNDT, C.P. Portland General Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52503:001-52503:001.

**9002020010** NPDES noncompliance notification: on 891201 & 02, biochemical oxygen demand in sewage treatment plant effluent exceeded limit. Caused by startup of new sewage treatment plant at facility. Oxygen demand came within spec by 891203. COCKFIELD, D.W. Portland General Electric Co. 90/01/26. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52526:149-52526:161.

**-9002020054** NPDES discharge monitoring rept for Dec 1989. HESS, R.J. Portland General Electric Co. 89/12/31. 11pp. 52526:151-52526:161.

**9002230425** NPDES noncompliance notification: on 891201 & 02, discharge limit for biochemical oxygen demand (BOD) exceeded. State of OR waived enforcement action during first 2 wks of sewage plant startup. BOD was within spec by 891203. COCKFIELD, D.W. Pacific Gas & Electric Co. 90/01/26. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52702:232-52702:244.

**9002070346** LER 89-027-01: on 891108, containment ventilation isolation signal occurred, causing hydrogen vent exhaust isolation valves to close. Caused by spurious electronic spike on process radiation monitor. Connector cleaned. W/900130 ltr. HOWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/01/30. 6pp. 52590:078-52590:083.

**900210134** Special rept on 891231, Fire Door 73, located in control bldg at 93-ft elevation, inoperable due to failure in door latch mechanism. Parts will be installed when received. Local smoke detectors checked & fire watch patrol established. YUNDT, C.P. Portland General Electric Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52615:086-52615:086.



9002230037 LER 90-001-00: on 900108, determined that local leak rate testing not performed on inboard containment personnel air lock door equalizing valves. On 8/12/26, excessive leakage noted at valve. Maint procedure revised. W/900207 ltr. HOWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/02/07. 4pp. 52713:047-52713:050.

9002220715 LER 90-002-00: on 900209, determined that low temp overpressure protection sys evaluation limit may not have been met during plant heatups & cooldowns. Caused by procedural inadequacy. Precisions developed. W/900208 ltr. HOWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/02/08. 5pp. 52712:302-52712:306.

9002200699 LER 89-030-01: on 891212, both trains of chlorine detectors declared inoperable when chlorine detector response time exceeded time in toxic gas analysis. On 891219, control switch found in open position. New detectors installed. W/900209 ltr. GUBERSKI, J.D., YUNDT, C.P. Portland General Electric Co. 90/02/09. 6pp. 52712:309-52712:314.

#### DOCKET 50-346 DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9002130181 Rev 3 to EPIP HS-EP-02630, "Preparation & Transport of Contaminated Injured Personnel."  
\* Toledo Edison Co. 90/01/16. 17pp. 52648:142-52648:158.

9002120091 Rev 3 to off-normal occurrence procedure manual table of contents.  
\* Toledo Edison Co. 90/01/22. 2pp. 52627:075-52627:076.

9002010187 Forwards Safety Insp Rept 50-346/89-26 on 891107-900102 & notice of violation. Attachment to rept withheld (ref 10CFR73.21).  
KNOP, R.C. Region 3, Ofc of the Director. 90/01/23. SHELTON, D.C. Toledo Edison Co. 2pp. 52523:240-52523:241.

9002010192 Partially withheld Safety Insp Rept 50-346/89-26 on 891107-900102 (ref 10CFR73.21(c)(2)). Violations noted. Major areas inspected: LERS, plant operation emergency preparedness, security & engineering & technical support.  
JACKIWI, I.N. Region 3, Ofc of the Director. 90/01/23. 19pp. 52523:243-52523:261.

9002130169 Rev 1 to Emergency Plan Off-Normal Procedure, HS-EP-02000 "Medical Emergencies."  
\* Toledo Edison Co. 90/01/26. 14pp. 52647:123-52647:136.

9002160191 Summary of 900109 & 10 meetings w/utl in Rockville, MD re encl draft safety evaluation of fire protection program at facility. Program conforms w/guidelines of App A to branch technical position & App R to 10CFR50.  
WAMBACH, T.V. Project Directorate III-3. 90/02/02. Project Directorate III-3. 49pp. 52668:242-52668:290.

##### K. Utility Final Safety Analysis Report (FSAR) & amends

9002020198 Forwards Rev 10 to updated SAR for Davis-Besse, Unit 1.  
SHELTON, D.C. Toledo Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52539:288-52539:309.

9002020214 Rev 10 to updated SAR for Davis-Besse Nuclear Power Station, Unit 1.  
\* Toledo Edison Co. 90/01/31. 17pp. 52539:293-52539:309.

##### P. Operating license stage documents & correspondence

9001300278 Forwards errata to Rev 3 to BAW-1543, Tables 3-20 & E-1 of "Master Integrated Reactor Vessel Surveillance Program" reflecting changes in insertion schedule for A5 capsule for Davis-Besse & Crystal River.  
HOWELL, D.L. Babcock & Wilcox Operating Plants Owners Group. 90/01/10. ELLIOT, B.J. NRC - No Detailed Affiliation Given. 2pp. 52490:321-52490:325.

9001300284 Errata to Rev 3 to BAW-1543, "Master Integrated Reactor Vessel Surveillance Program" consisting of revised Tables 3-20 & E-1.  
\* BWR Owners Group. BAW-1543 ERR R03. 90/01/10. 3pp. 52490:323-52490:325.

9002010382 Forwards environ assessment & finding of no significant impact re 871120 request for exemption from App J to 10CFR50 for third test to measure primary reactor containment overall integrated leakage rate during shutdown.  
WAMBACH, T.V. Project Directorate III-3. 90/01/17. SHELTON, D.C. Toledo Edison Co. 2pp. 52515:198-52515:204.

9002010386 Environ assessment & finding of no significant impact re 871120 request for exemption from App J to 10CFR50, Section III.D.1.(a) which requires that third test to measure containment leakage rate be conducted during shutdown.  
HANNON, J.N. Project Directorate III-3. 90/01/17. 5pp. 52515:200-52515:204.

9001290182 Forwards safety evaluation supporting 831107 & 0215 responses to Generic Ltr 83-28, Item 4.5.3 re reactor trip sys reliability for all domestic operating reactors.  
WAMBACH, T.V. Project Directorate III-3. 90/01/19. SHELTON, D.C. Toledo Edison Co. 2pp. 52467:141-52467:170.

9001290164 Safety evaluation re Generic Ltr 83-28, Item 4.5.3 concerning reactor trip sys reliability for all domestic operating reactors.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/19. 2pp. 52467:143-52467:170.

9002050081 Requests closure of outstanding action Item 87-0108 re request for Tech Spec interpretation re facility MSIV operability. Stroke times same in all locations within Tech Specs.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/19. MARTIN, T.O. Region 3, Ofc of the Director. 1p. 52548:202-52548:202.

9002150318 Requests enforcement discretion from NRC re Tech Spec 3.3.1.1, "Reactor Protection Sys Instrumentation" & advises that effectiveness of enforcement discretion would be limited in duration until next plant shutdown.  
SHELTON, D.C. Commonwealth Edison Co. 90/01/19. DAVIS, A.B. Region 3, Ofc of the Director. 5pp. 52675:215-52675:219.

9001310157 Grants discretionary enforcement for Tech Spec 3.3.1.1 re plant operation w/one or four flux-delta flux-flow instruments in Channel 2 of reactor protection sys declared inoperable. Discretion in effect until 900201.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/01/24. SHELTON, D. Toledo Edison Co. 2pp. 52514:059-52514:065.

9001310163 Requests enforcement discretion for Tech Spec 3.3.1.1 to require that inoperable flux-delta flux-flow instrument channel in reactor protection sys be placed in tripped condition within 1 h. Channel will be reset not tripped.  
SHELTON, D.C. Toledo Edison Co. 90/01/19. DAVIS, A.B. Region 3, Ofc of the Director. 5pp. 52514:061-52514:065.

9002010041 Forwards Amend 145 to License NPF-3 & safety evaluation. Amend changes Tech Spec & Bases Section 4.0.3, per Generic Ltr 87-09 to permit 24 h to complete inadvertently missed surveillance before applicable action requirements apply.  
WAMBACH, T.V. Project Directorate III-3. 90/01/25. SHELTON, D.C. Toledo Edison Co. 3pp. 52531:085-52531:098.

9002010044 Amend 145 to License NPF-3, changing Tech Specs & Bases Section 4.0.3, per Generic Ltr 87-09, to permit 24 h to complete inadvertently missed surveillance before provisions of applicable action requirements apply.  
HANNON, J.N. Project Directorate III-3. 90/01/25. 8pp. 52531:088-52531:096.

9002010049 Safety evaluation supporting Amend 145 to License NPF-3.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/25. 2pp. 52531:097-52531:098.

9002020169 Notification of 900207 quarterly mgt meeting w/utl in Rockville, MD. Agenda encl.  
WAMBACH, T.V. Project Directorate III-1. 90/01/29. HANNON, J.N. Project Directorate III-3. 5pp. 52540:110-52540:114.

9002020185 Forwards exemption from 10CFR50, App J, Section III.D.1(A) to permit Type A tests to continue to be conducted at 40-month, + or - 10-month interval but not in conjunction w/10-yr inservice insp.  
WAMBACH, T.V. Project Directorate III-3. 90/01/29. SHELTON, D.C. Toledo Edison Co. 2pp. 52524:127-52524:133.

9002020189 Exemption from 10CFR50, App J, Section III.D.1(A) to permit Type A tests to continue to be conducted at 40-month, + or - 10-month interval but no longer require that third test be conducted during 10-yr inservice insp refueling outage.  
ZWOLINSKI, J.A. Division of Reactor Projects - III, IV & Special Projects (Post 870411). 90/01/29. Toledo Edison Co. 5pp. 52524:129-52524:133.

9002160004 Forwards Amend 146 to License NPF-3 & safety evaluation. Amend removes requirement in Spec 4.6.1.2.a re third test of each set of three Type A tests.  
WAMBACH, T.V. Project Directorate III-3. 90/01/31. SHELTON, D.C. Toledo Edison Co. 2pp. 52669:020-52669:031.

9002160006 Amend 146 to License NPF-3, removing requirement in Spec 4.6.1.2.a that third test of each set of three Type A tests be conducted during same shutdown when 10-yr plant inservice insp being conducted.  
HANNON, J.N. Project Directorate III-3. 90/01/31. 7pp. 52669:022-52669:028.

9002160008 Safety evaluation supporting Amend 146 to License NPF-3.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 3pp. 52669:029-52669:031.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130362 Forwards proposed rev to Tech Spec Bases Section 3/4.1.2, "Boration Sys" to support license amend request to delete ref to Surveillance Requirement 4.0.5 from boric acid pump Tech Specs.  
SHELTON, D.C. Toledo Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52647:188-52647:192.

9002160190 Proposed Tech Specs re bases for boration sys, including boric acid pumps & boric acid storage tanks.  
\* Toledo Edison Co. 90/02/01. 3pp. 52647:190-52647:192.

9002130366 Forwards application for amend to License NPF-3, revising acceptance criteria for absolute & relative position indicator channels & correcting administrative errors.  
SHELTON, D.C. Toledo Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52647:078-52647:095.

9002130368 Application for amend to License NPF-3, revising acceptance criteria for absolute & relative position indicator channels & correcting administrative errors.  
SHELTON, D.C. Toledo Edison Co. 90/02/01. 8pp. 52647:080-52647:087.

9002130369 Proposed Tech Specs re acceptance criteria for absolute & relative position indicator channels.  
\* Toledo Edison Co. 90/02/01. 8pp. 52647:088-52647:095.

9002130375 Application for amend to License NPF-3, revising surveillance interval for insp & operability testing of reactor vessel internal vent valves from at least once per 18 months to during shutdown for refueling.  
SHELTON, D.C. Toledo Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52634:283-52634:285.

9002130378 Proposed Tech Specs re surveillance/insp intervals for RCS internal vent valves.  
\* Toledo Edison Co. 90/02/01. 1p. 52634:285-52634:285.

9002130197 Forwards safety evaluation accepting licensee 810505 responses to Generic Ltr 81-21 re natural circulation cooldown, per Multi-Plant Action B-66.  
WAMBACH, T.V. Project Directorate III-3. 90/02/02. SHELTON, D.C. Toledo Edison Co. 2pp. 52634:272-52634:276.

9002130200 SER supporting utl responses to Generic Ltr 81-21 re natural circulation cooldown, based on installation of continuous reactor vent head.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 3pp. 52634:274-52634:276.



## 102 DOCKETED ITEMS

**9002140026** Forwards safety evaluation supporting until 900115 request for approval of revised reactor capsule withdrawal & insertion schedule.  
WAMBACH,T.V. Project Directorate III-3. 90/02/02. Toledo Edison Co. 2pp. 52653:328-52653:331.

**-9002140028** Safety evaluation supporting until 900115 request for NRC approval of revised capsule withdrawal schedule for B&W master integrated surveillance program.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 2pp. 52653:330-52653:331.

**9002220743** Application for amend to License NPF-3, revising Tech Spec Bases Sections 2.1.1, 2.1.2, 2.2.1, 3/4.2, 3/4.2.5 & 3/4.4.1 to reflect Cycle 7 core reload. B&W Fuel Co Rept BAW-2096 & Document 86-1177306-00 encl.  
SHELTON,D.C. Toledo Edison Co. 90/02/05. Document Control Branch (Document Control Desk). 6pp. 52683:171-52683:276.

**-9002220745** Proposed Tech Specs Bases Sections 2.1.1, 2.1.2, 2.2.1, 3/4.2, 3/4.2.5, 3/4.4.1, revised to reflect Cycle 7 Core Reload.  
\* Toledo Edison Co. 90/02/05. 11pp. 52683:177-52683:188.

**-9002220746** "Davis-Besse Nuclear Power Station Unit 1, Cycle 7 - Reload Rept."  
\* B&W Fuel Co. BAW-2096. 89/11/30. 67pp. 52683:189-52683:257.

**-9002220747** "Toledo Edison Co Mark-BZ Fuel Assembly Seismic & LOCA Analysis."  
SHAH,S.J., HASSENPLUG,H. B&W Fuel Co. 86-1177306-00. 90/01/11. 19pp. 52683:258-52683:276.

**9002160071** Advises that NRC audit of util boric acid prevention program resulted in acceptable finding & now consider issue to be closed, per 890911-13 site visit. Trip rept encl.  
WAMBACH,T.V. Project Directorate III-3. 90/02/08. SHELTON,D.C. Toledo Edison Co. 11pp. 52669:050-52669:060.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-95-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002050174** Forwards Exam Rept 50-346/OL-89-02 of exam administered during wk of 891212.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/01/18. SHELTON,D. Toledo Edison Co. 2pp. 52548:203-52548:210.

**-9002050177** Exam Rept 50-346/OL-89-02 on 891218-22. Exam results: all reactor & senior reactor operators passed exam.  
CARRICK,S., SHEPARD,D., REIDINGER,T.D. Battelle Memorial Institute, Pacific Northwest Laboratory. 90/01/18. 6pp. 52548:205-52548:210.

**9001300250** Ack receipt of 891214 ltr informing NRC of steps taken to correct noncompliance noted in Insp Rept 50-346/89-23. Justification of request for consolidation of two violations not found.  
NOELIUS,C.E. Region 3, Ofc of the Director. 90/01/20. SHELTON,D. Toledo Edison Co. 1p. 52466:098-52466:103.

**9001310470** Responds to violations noted in Insp Rept 50-346/89-22. Corrective actions: door 212 closed after identification by resident inspector & evaluation subsequently performed.  
SHELTON,D.C. Toledo Edison Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52497:030-52497:032.

**9002010187** Forwards Safety Insp Rept 50-346/89-26 on 891107-900102 & notice of violation. Attachment to rept withheld (ref 10CFR73.21).  
KNOP,R.C. Region 3, Ofc of the Director. 90/01/23. SHELTON,D.C. Toledo Edison Co. 2pp. 52523:240-52523:241.

**-9002010189** Partially withheld notice of violation from insp on 891107-900102 (ref 10CFR73.21(c)(2)). Violations noted: from 890924-25, plant operated w/ Channel 2 flux-delta flux-flow instrumentation inoperable w/o inoperable channel tripped.  
KNOP,R.C. Region 3, Ofc of the Director. 90/01/23. 1p. 52523:242-52523:242.

**-9002010192** Partially withheld Safety Insp Rept 50-346/89-26 on 891107-900102 (ref 10CFR73.21(c)(2)). Violations noted: Major areas inspected: LERs, plant operation, emergency preparedness, security & engineering & technical support.  
JACKIW,I.N. Region 3, Ofc of the Director. 90/01/23. 19pp. 52523:243-52523:261.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002020185** Forwards exemption from 10CFR50, App J, Section III.D.1(A) to permit Type A tests to continue to be conducted at 40-month, + or - 10-month interval but not in conjunction w/ 10-yr inservice insp.  
WAMBACH,T.V. Project Directorate III-3. 90/01/29. SHELTON,D.C. Toledo Edison Co. 2pp. 52524:127-52524:133.

**-9002020189** Exemption from 10CFR50, App J, Section III.D.1(A) to permit Type A tests to continue to be conducted at 40 month, + or - 10-month interval but no longer require that third test be conducted during 10-yr inservice insp refueling outage.  
ZWOLINSKI,J.A. Division of Reactor Projects - III, IV & Special Projects (Post 870411). 90/01/29. Toledo Edison Co. 5pp. 52524:129-52524:133.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002160004** Forwards Amend 146 to License NPF-3 & safety evaluation. Amend removes requirement in Spec 4.6.1.2.a re third test of each set of three Type A tests.  
WAMBACH,T.V. Project Directorate III-3. 90/01/31. SHELTON,D.C. Toledo Edison Co. 2pp. 52669:020-52669:031.

**-9002160006** Amend 146 to License NPF-3, removing requirement in Spec 4.6.1.2.a that third test of each set of three Type A tests be conducted during same shutdown when 10-yr plant inservice insp being conducted.  
HANNON,J.N. Project Directorate III-3. 90/01/31. 7pp. 52669:022-52669:028.

**-9002160008** Safety evaluation supporting Amend 146 to License NPF-3.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 3pp. 52669:029-52669:031.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130375** Application for amend to License NPF-3, revising surveillance interval for insp & operability testing of reactor vessel internal vent valves from at least once per 18 months to during shutdown for refueling.  
SHELTON,D.C. Toledo Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52634:283-52634:285.

**-9002130378** Proposed Tech Specs re surveillance/insp intervals for RCS internal vent valves.  
\* Toledo Edison Co. 90/02/01. 1p. 52634:285-52634:285.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matts Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230029** Responds to violations noted in Insp Rept 50-346/89-21. Util denies alleged violation. Test prerequisites met, adequate & properly calibr test instrumentation installed & tests performed under suitable environ test conditions.  
SHELTON,D.C. Toledo Edison Co. 90/02/06. Document Control Branch (Document Control Desk). 5pp. 52714:187-52714:191.

**9002230034** Responds to NRC 891102 ltr re validity of instrumented insp technique tests performed as alternative to ASME Section XI hydrostatic tests. Util reassessed testing & determined that testing remains valid. Test summary encl.  
SHELTON,D.C. Toledo Edison Co. 90/02/06. Document Control Branch (Document Control Desk). 11pp. 52701:177-52701:187.

**9002230227** Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Procedure DB-PF-00100, "Fuel Handling Administration" revised to state listed info under "CAUTION."  
SHELTON,D.C. Toledo Edison Co. 90/02/13. Document Control Branch (Document Control Desk). 4pp. 52714:291-52714:294.

**9002230433** Forwards Safety Insp Rept 50-346/89-27 on 900108-12. No violations noted.  
COOPER,R.W. Region 3, Ofc of the Director. 90/02/13. SHELTON,D. Toledo Edison Co. 2pp. 52702:245-52702:252.

**-9002230434** Safety Insp Rept 50-346/89-27 on 900108-12. No violations or deviations noted. Major areas inspected: inservice testing of pumps & valves, including review of administrative procedures & performance of testing & recording of trends.  
HUBER,M.P., SMITH,J.F., DANIELSON,D.H. Region 3, Ofc of the Director. 90/02/13. 6pp. 52702:247-52702:252.

**9002220277** Forwards request for addl info re 890602 response to NRC Bulletin 88-011 on pressurizer surge line stratification. Response should be submitted within 30 days of receipt of ltr.  
WAMBACH,T.V. Project Directorate III-3. 90/02/14. SHELTON,D.C. Toledo Edison Co. 6pp. 52696:036-52696:041.

### R. Periodic operating reports & related correspondence

**9002220225** Monthly operating rept for Jan 1990 for Davis Besse Nuclear Power Station Unit 1. W/900212 ltr.  
SARSOUR,B., STORZ,L.F. Toledo Edison Co. 90/01/31. 6pp. 52671:094-52671:099.

### S. Reportable occurrences, LERs & related correspondence

**9002090318** LER 86-032-01: on 860802, inadvertent start of high pressure injection pump 1-2 occurred. Caused by open relay coil. Failed relay replaced & procedure change initiated. W/900130 ltr.  
STOTZ,J.C., STORZ,L.F. Toledo Edison Co. 90/01/30. 4pp. 52598:074-52598:077.

### V. Operator Examinations

**9002050174** Forwards Exam Rept 50-346/OL-89-02 of exam administered during wk of 891212.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/01/18. SHELTON,D. Toledo Edison Co. 2pp. 52548:203-52548:210.

**-9002050177** Exam Rept 50-346/OL-89-02 on 891218-22. Exam results: all reactor & senior reactor operators passed exam.  
CARRICK,S., SHEPARD,D., REIDINGER,T.D. Battelle Memorial Institute, Pacific Northwest Laboratory. 90/01/18. 6pp. 52548:205-52548:210.

**9002120179** Forwards notification of change in licensed operator status, per 10CFR50.74.  
SHELTON,D.C. Toledo Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52615:181-52615:184.

**DOCKET 50-348 JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1****F. Security, medical, emergency & fire protection plans**

- 9001290060** Rev 6 to EPIP FNP-0-EIP-14, "Re-Entry Procedures." W/900117 ltr. HUDSPETH,J.B. Alabama Power Co. 90/01/17. 11pp. 52451:338-52451:348.
- 9002010190** Rev 26 to EPIP FNP-0-EIP-16, "Emergency Equipment & Supplies." W/900124 ltr. HUDSPETH,J.B. Alabama Power Co. 90/01/24. 109pp. 52512:243-52512:351.
- 9002090023** Advises that 891018 Rev 17 to emergency plan consistent w/ 10CFR50.54(q) & acceptable. COLLINS,D.M. Region 2, Ofc of the Director. 90/01/25. HAIRSTON,W.G. Alabama Power Co. 2pp. 52546:345-52546:359.
- 9002130285** Forwards Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted but not cited. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/30. HAIRSTON,W.G. Alabama Power Co. 3pp. 52646:342-52646:359.
- 9002130288** Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted. Major areas inspected: operational safety verification, monthly surveillance observation, monthly maint observation, cold weather preparations & emergency exercises. MAXWELL,G.F., MILLER,W.H., CHRISTENSEN,C. Region 2, Ofc of the Director. 90/01/30. 15pp. 52646:345-52646:359.
- 9002130308** Attachments A & B to FNP-0-EIP-8 re on-call schedule & weekly duty roster. W/900130 ltr. \* Alabama Power Co. 90/01/30. 9pp. 52646:143-52646:151.
- 9002130039** Forwards Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Four exercise weaknesses in need of corrective action identified. Corrective actions discussed during 891229 telcon. STOHR,J.P. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Alabama Power Co. 3pp. 52647:001-52647:025.
- 9002130044** Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Major areas inspected: annual emergency response exercise, exercise objectives & scenario details. KREH,J.L., RANKIN,W.H. Region 2, Ofc of the Director. 90/01/18. 22pp. 52647:004-52647:025.
- 9002130162** Forwards safety evaluation discussing programmatic improvements which will enhance util ability to develop & maintain consistently high quality emergency operating procedures. REEVES,E.A. Project Directorate II-1. 90/02/05. HAIRSTON,W.G. Alabama Power Co. 2pp. 52646:153-52646:161.
- 9002130167** Safety evaluation re procedures generation package for plant. Package submitted in util 830729 & 870512 ltrs should be reviewed to address programmatic improvements outlined in Section 2 of evaluation. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 7pp. 52646:155-52646:161.
- 9002230139** Revised Attachments A,B & C to EPIP FNP-0-EIP-8, "On-Call Schedule." W/900206 ltr. MOREY,D.N., HUDSPETH,J.B. Alabama Power Co. 90/02/06. 10pp. 52697:348-52697:357.

**H. General correspondence**

- 9002150154** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900209. HAIRSTON,W.G. Alabama Power Co. 90/02/05. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52635:312-52635:312.

**P. Operating license stage documents & correspondence**

- 9001300471** Forwards response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Util has program to perform visual insps & cleanings of plant svc water intake structure by means of scuba divers. HAIRSTON,W.G. Alabama Power Co. 90/01/23. Document Control Branch (Document Control Desk). 13pp. 52496:223-52496:235.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002130162** Forwards safety evaluation discussing programmatic improvements which will enhance util ability to develop & maintain consistently high quality emergency operating procedures. REEVES,E.A. Project Directorate II-1. 90/02/05. HAIRSTON,W.G. Alabama Power Co. 2pp. 52646:153-52646:161.
- 9002130167** Safety evaluation re procedures generation package for plant. Package submitted in util 830729 & 870512 ltrs should be reviewed to address programmatic improvements outlined in Section 2 of evaluation. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 7pp. 52646:155-52646:161.

**Q. Inspection reports, IE Bulletins & correspondence**

- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02,80-08 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001310119** Ack receipt of 891222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-348/89-26 & 50-364/89-26. JULIAN,C.A. Region 2, Ofc of the Director. 90/01/23. HAIRSTON,W.G. Alabama Power Co. 2pp. 52503:285-52503:286.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002130285** Forwards Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted but not cited. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/30. HAIRSTON,W.G. Alabama Power Co. 3pp. 52646:342-52646:359.

**-9002130288** Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted. Major areas inspected: operational safety verification, monthly surveillance observation, monthly maint observation, cold weather preparations & emergency exercises. MAXWELL,G.F., MILLER,W.H., CHRISTENSEN,C. Region 2, Ofc of the Director. 90/01/30. 15pp. 52646:345-52646:359.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:462.

**9002120271** Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Refueling procedures will be revised to incorporate guidance that will preclude inadvertent loss of shutdown. HAIRSTON,W.G. Alabama Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52631:180-52631:181.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002130039** Forwards Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Four exercise weaknesses in need of corrective action identified. Corrective actions discussed during 891229 telcon. STOHR,J.P. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Alabama Power Co. 3pp. 52647:001-52647:025.

**-9002130044** Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Major areas inspected: annual emergency response exercise, exercise objectives & scenario details. KREH,J.L., RANKIN,W.H. Region 2, Ofc of the Director. 90/01/18. 22pp. 52647:004-52647:025.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licenses." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**S. Reportable occurrences, LERs & related correspondence**

- 9002060162** RO: on 900125, fire protection water storage tanks decreased below required min level caused by crack in fire protection sys yard. Crack was isolated & level restored to above min within two hours. HAIRSTON,W.G. Alabama Power Co. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52557:007-52557:007.
- 9002080158** Special Rept 90-002: on 900125, water level in both fire protection water storage tanks less than Tech Spec limits. Pipe will be evaluated to determine cause of failure & affected section will be replaced. HAIRSTON,W.G. Alabama Power Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52609:243-52609:244.

**DOCKET 50-352 LIMERICK GENERATING STATION, UNIT 1****F. Security, medical, emergency & fire protection plans**

- 9002050017** Forwards radiological & meteorological monitoring sys instructions for remote interrogation capability for meteorological measurement sys. MCCORMICK,M.J. Philadelphia Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 28pp. 52542:124-52542:149.
- 9002050383** Forwards Safety Insp Rept 50-352/90-04 on 900105-17. Violations noted. HODGES,M.W. Region 1, Ofc of the Director. 90/01/26. MCNEILL,C.A. Philadelphia Electric Co. 2pp. 52541:321-52541:327.
- 9002050389** Insp Rept 50-352/90-04 on 900105-17. Violations noted. Major areas inspected: announced Insp to review potential violations identified during Insp 50-352/89-12 on 890728 re App R safe shutdown capability of plant in event of fire. MATHEW,R.K., ANDERSON,C.J. Region 1, Ofc of the Director. 90/01/26. 5pp. 52541:323-52541:327.

## 104 DOCKETED ITEMS

**9002120279** Provides info re emergency response organization exercises for plants. Exercises & callouts would necessitate activation of combined emergency operations facility approx eight times per yr./w/some being performed off-hours & unannounced.  
HUNGER, G.A. Philadelphia Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52627:192-52627:193.

### H. General correspondence

**9002130133** Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions; policy statement. Until uncertain as to whether changes necessary.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52617:355-52617:356.

### P. Operating license stage documents & correspondence

**9002050182** Notification of 900208 demonstration by util in Rockville, MD re use of NUPRA PRA PC-based work station as plant mgt tool.  
LOBEL, R.M. Technical Specifications Branch. 90/01/25. CALVO, J.A. Technical Specifications Branch. 2pp. 52547:347-52547:348.

**9002080228** Notifies that on 891228, Commonwealth of PA approved changes to NPDES Permit PA 0051926. Changes permit use of biocides in emergency svc water sys & RHR svc water sys to prevent biofouling & possible corrosive attack.  
HUNGER, G.A. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52609:208-52609:210.

**9002080367** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plants have established preventive maint program for intake structure & routine treatment of svc water sys w/biocide to control biofouling.  
HELWIG, D.R. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 13pp. 52588:188-52588:200.

**9002080235** Provides certification re implementation of fitness for duty program per 10CFR26 at plants.  
HELWIG, D.R. Philadelphia Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52588:165-52588:166.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002060366** Forwards Safety Insp Repts 50-352/89-21 & 50-353/89-30 on 891011-1120. No violations noted.  
SWETLAND, P.D. Region 1, Ofc of the Director. 90/01/24. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52559:274-52559:297.

**9002060370** Insp Repts 50-352/89-21 & 50-353/89-30 on 891011-1120. No violations noted. Major areas inspected: plant tours, observations of maint & surveillance testing, review of LERs, periodic repts, operational events & sys walkdowns.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/01/24. 22pp. 52559:276-52559:297.

**9002050383** Forwards Safety Insp Rept 50-352/90-04 on 900105-17. Violations noted.  
HODGES, M.W. Region 1, Ofc of the Director. 90/01/26. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52541:321-52541:327.

**9002050389** Insp Rept 50-352/90-04 on 900105-17. Violations noted. Major areas inspected: announced insp to review potential violations identified during Insp 50-352/89-12 on 890728 re App R safe shutdown capability of plant in event of fire.  
MATTHEW, R.K., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/26. 5pp. 52541:323-52541:327.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Blinding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002140221** Partial response to FOIA request for documents. App Q documents encl. App Q & S documents available in PDR. App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN, D. Blecher & Collins. 15pp. 52631:235-52632:013.

**8605190270** Forwards Insp Rept 99901054 for ASCO Electric Products, Inc re failures of molded case circuit breakers in reactor protection sys monitoring panels. W/o encl.  
ZECH, G.G. Vendor Program Br, Div of QA, Vendor & Technical Training Center Programs, IE. 86/05/13. STAROSTECKI, R. Region 1, Ofc of the Director. 1p. 52632:150-52632:161.

**9002220221** Forwards Safety Insp Repts 50-352/89-23 & 50-353/89-31 on 891121-1231. No violations noted.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/09. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52701:043-52701:062.

**9002220227** Insp Repts 50-352/89-23 & 50-353/89-31 on 891121-1231. No violations noted. Major areas inspected: plant tours, observations of maint & surveillance testing, review of LERs & periodic repts & review of operational events.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/02/09. 18pp. 52701:045-52701:062.

### R. Periodic operating reports & related correspondence

**9002060098** "1989 Annual Rept of All Challenges to Safety/Relief Valves Units 1 & 2," Repts 5 & 1 for Units 1 & 2 respectively.  
LEITCH, G.M. Philadelphia Electric Co. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52560:151-52560:153.

### S. Reportable occurrences, LERs & related correspondence

**9001300083** Updated Final Significant Deficiency Rept 107 re defective Agastat GP relays. Initially reported on 831129. Use of subj relays does not represent safety concern & not reportable as operational concern. Test program developed.  
HUNGER, G.A. Philadelphia Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52475:001-52475:006.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002160154** PNO-I-90-010:5 of 14 operators failed requalification exam performed during wk of 900129-0202, including addl staff operator used only in simulator. Individuals removed from licensed duties. Confirmatory action ltr issued on 900202.  
FLOREK, D., CONTE, R. Region 1, Ofc of the Director. 90/02/08. 1p. 52668:307-52668:307.

**9002230118** LER 90-001-00: on 900122, discovered that monthly instrument channel functional test for RCIC steam supply pressure low missed. Caused by deficiency in computer program used to schedule tests. Computer program revised. W/900209 ltr.  
MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/02/09. 6pp. 52712:353-52712:358.

### V. Operator Examinations

**9002140298** Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on encl forms by 900201.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MCNEILL, C.A. Philadelphia Electric Co. 8pp. 52655:132-52655:139.

**9001310239** Requests that listed operator licenses be discontinued.  
LEITCH, G.M. Philadelphia Electric Co. 90/01/08. Document Control Branch (Document Control Desk). 2pp. 52503:002-52503:003.

**9002140113** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. MCNEILL, C.A. Philadelphia Electric Co. 8pp. 52655:352-52655:359.

**9002140145** Documents util assessment of adequacy of licensed operator requalification program & serves as util justification for continued operation. Concludes that licensed personnel on shift properly trained & qualified to operate plant safely.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/07. RUSSELL, W.T. Region 1, Ofc of the Director. 3pp. 52653:332-52653:334.

## DOCKET 50-353 LIMERICK GENERATING STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

**9002050017** Forwards radiological & meteorological monitoring sys instructions for remote interrogation capability for meteorological measurement sys.  
MCCORMICK, M.J. Philadelphia Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 26pp. 52542:124-52542:149.

**9002120279** Provides info re emergency response organization exercises for plants. Exercises & callouts would necessitate activation of combined emergency operations facility approx eight times per yr./w/some being performed off-hours & unannounced.  
HUNGER, G.A. Philadelphia Electric Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52627:192-52627:193.

**H. General correspondence**

**9002130133** Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions; policy statement. Util uncertain as to whether changes necessary. HUNGER, G.A. Philadelphia Electric Co. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52617:355-52617:356.

**P. Operating license stage documents & correspondence**

**9002050182** Notification of 900208 demonstration by util in Rockville, MD re use of NUPRA PRA PC-based work station as plant mgt tool. LOBEL, R.M. Technical Specifications Branch. 90/01/25. CALVO, J.A. Technical Specifications Branch. 2pp. 52547:347-52547:348.

**9002080228** Notifies that on 891228, Commonwealth of PA approved changes to NPDES Permit PA 0051926. Changes permit use of biocides in emergency svc water sys & RHR svc water sys to prevent biofouling & possible corrosive attack. HUNGER, G.A. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52609:208-52609:210.

**9002080367** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plants have established preventive maint program for intake structure & routine treatment of svc water sys w/biocide to control biofouling. HELWIG, D.R. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 13pp. 52588:188-52588:200.

**9002150277** Application for amend to License NPF-85, consisting of Tech Spec Change Request 89-02. Amend allows required source range monitor count rate to be reduced while ensuring that design level of counting certainty maintained. GE rept also encl. HUNGER, G.A. Philadelphia Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52656:309-52656:327.

**-9002150279** Proposed Tech Specs, allowing source range monitor count rate to be reduced while ensuring that design level of counting certainty maintained. GE rept withheld. \* Philadelphia Electric Co. 90/01/29. 9pp. 52656:319-52656:327.

**9002080235** Provides certification re implementation of fitness for duty program per 10CFR26 at plants. HELWIG, D.R. Philadelphia Electric Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52588:165-52588:166.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002060366** Forwards Safety Insp Repts 50-352/89-21 & 50-353/89-30 on 891011-1120. No violations noted. SWETLAND, P.D. Region 1, Ofc of the Director. 90/01/24. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52559:274-52559:297.

**-9002060370** Insp Repts 50-352/89-21 & 50-353/89-30 on 891011-1120. No violations noted. Major areas inspected: plant tours, observations of maint & surveillance testing, review of LERs, periodic repts, operational events & sys walkdowns. DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/01/24. 22pp. 52559:276-52559:297.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002080003** Forwards Insp Rept 50-353/89-32 on 891211-15 & notice of violation. Util requested to review recommendations in encl rept & respond within 60 days of date of ltr on actions taken or planned to correct violations. BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/31. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52594:029-52594:052.

**-9002080005** Notice of violation from insp on 891211-15. Violation noted: failure to record or rept dunking chambers containing approx 5 g U-235 to NRC on nuclear matl transport rept & matl balance rept. \* Region 1, Ofc of the Director. 90/01/24. 1p. 52594:032-52594:032.

**-9002080006** Insp Rept 50-353/89-32 on 891211-15. Violations noted. Major areas inspected: post-accident sampling of reactor coolant & containment atmosphere, post-accident effluent monitoring & containment high-range radiation monitoring. DRAGUNT, KOTTAN, J., HULLA. Region 1, Ofc of the Director. 90/01/24. 20pp. 52594:033-52594:052.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002140221** Partial response to FOIA request for documents. App Q documents encl. App Q & S documents available in PDR. App R documents totally withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN, D. Blecher & Collins. 15pp. 52631:235-52632:013.

**-8605190270** Forwards Insp Rept 99901054 for ASCO Electric Products, Inc re failures of molded case circuit breakers in reactor protection sys monitoring panels. W/o encl. ZECH, G.G. Vendor Program Br, Div of QA, Vendor & Technical Training Center Programs, IE. 86/05/13. STAROSTECKI, R. Region 1, Ofc of the Director. 1p. 52632:150-52632:161.

**9002220221** Forwards Safety Insp Repts 50-352/89-23 & 50-353/89-31 on 891121-1231. No violations noted. BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/09. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52701:043-52701:062.

**-9002220227** Insp Repts 50-352/89-23 & 50-353/89-31 on 891121-1231. No violations noted. Major areas inspected: plant tours, observations of maint & surveillance testing, review of LERs & periodic repts & review of operational events. DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/02/09. 18pp. 52701:045-52701:062.

**R. Periodic operating reports & related correspondence**

**9002060096** "1989 Annual Rept of All Challenges to Safety/Relief Valves Units 1 & 2," Repts 5 & 1 for Units 1 & 2, respectively. LEITCH, G.M. Philadelphia Electric Co. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52560:151-52560:153.

**S. Reportable occurrences, LERs & related correspondence**

**9001300083** Updated Final Significant Deficiency Rept 107 re defective Agastat GP relays. Initially reported on 831128. Use of subj relays does not represent safety concern & not reportable as operational concern. Test program developed. HUNGER, G.A. Philadelphia Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52475:001-52475:006.

**9001300417** LER 89-015-00: on 891223 & 24, problem w/reactor protection sys (RPS)/uninterruptible power supply static inverter caused loss of power to RPS panel. Caused by failure of gate drive boost card. Isolations reset. W/900119 ltr. MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/01/19. 6pp. 52494:139-52494:144.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl. HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002130391** LER 90-001-00: on 900108, Tech Spec violation & reactor encl ventilation isolation occurred. Caused by personnel error. Chief operator counseled on importance of communicating all pertinent info. W/900207 ltr. MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/02/07. 7pp. 52678:001-52678:007.

**9002160154** PNO-I-90-010:5 of 14 operators failed requalification exam performed during wk of 900129-0202, including addl staff operator used only in simulator. Individuals removed from licensed duties. Confirmatory action ltr issued on 900202. FLOREK, D., CONTE, R. Region 1, Ofc of the Director. 90/02/08. 1p. 52668:307-52668:307.

**9002220718** LER 90-003-00: on 900112, primary containment & reactor vessel isolation control sys isolation signals initiated, closing inboard & outboard isolation valves for RWCU. Caused by lifting relief valve. Opening time reset. W/900208 ltr. MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/02/08. 6pp. 52712:262-52712:267.

**V. Operator Examinations**

**9002140298** Forwards revised NRC Forms 396 & 398 re personal qualifications statement - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on encl forms by 900201.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MCNEILL, C.A. Philadelphia Electric Co. 8pp. 52655:132-52655:139.

**9001310239** Requests that listed operator licenses be discontinued. LEITCH, G.M. Philadelphia Electric Co. 90/01/08. Document Control Branch (Document Control Desk). 2pp. 52503:002-52503:003.

**9002140113** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021, per Generic Ltr 89-17. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. MCNEILL, C.A. Philadelphia Electric Co. 8pp. 52655:352-52655:359.

**9002140145** Documents util assessment of adequacy of licensed operator requalification program & serves as util justification for continued operation. Concludes that licensed personnel on shift properly trained & qualified to operate plant safely. LEITCH, G.M. Philadelphia Electric Co. 90/02/07. RUSSELL, W.T. Region 1, Ofc of the Director. 3pp. 52653:332-52653:334.



## 106 DOCKETED ITEMS

### DOCKET 50-354 HOPE CREEK NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

- 9001300230** Forwards response to NRC 891220 ltr re violations noted in plant insps. Response withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52471:187-52471:188.
- 9001310021** Forwards Safety Insp Rept 50-354/89-20 on 891107-900105. No violations noted. SWETLAND, P.D. Region 1, Ofc of the Director. 90/01/22. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52503:098-52503:113.
- 9001310022** Safety Insp Rept 50-354/89-20 on 891107-900105 No violations noted. Major areas inspected: operations, radiological controls & surveillance testing, emergency preparedness, security, engineering/technical support & safety assessment. KENNY, T.J. Region 1, Ofc of the Director. 90/01/18. 14pp. 52503:100-52503:113.
- 9002060018** Forwards progress report on project to upgrade nuclear site physical security features. Encl withheld (ref 10CFR73.21). MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52560:048-52560:047.
- 9002220021** Forwards Revs 1 to security plan & security training & qualification plan & Rev 2 to security contingency plan. Salem switchyard project delayed. Revs withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52667:019-52667:020.

#### P. Operating license stage documents & correspondence

- 9002050029** Application for amend to License NPF-57, consisting of Change Request 89-15, revising radiation protection & radiological environ monitoring Tech Specs to reflect changes in organization. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/01/24. Document Control Branch (Document Control Desk). 11pp. 52548:119-52548:165.
- 9002050036** Proposed Tech Specs re radiation protection & radiological environ monitoring. \* Public Service Electric & Gas Co. of New Jersey. 90/01/24. 36pp. 52548:130-52548:165.
- 9002020314** Advises that fee not required re 891227 application for approval of use of ASME Section XI Code Case N-460. Fee will be retained by NRC & credited when invoice issued for review. WEISS, D. License Fee & Debt Collection Branch (Post 890827). 90/01/25. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 1p. 52539:213-52539:213.
- 9002130058** Forwards response to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." Aggressive program of monitoring, insp & matl replacement initiated in advance of Generic Ltr 89-13 issuance. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 19pp. 52645:311-52645:329.
- 9002020295** Advises that installation of hardened wetwell vent at facility described in 891030 ltr, acceptable per Generic Ltr 89-16. Use of individual plant exams to develop supplemented criteria for vent mod design acceptable. SHIRAKI, C.Y. Project Directorate I-2. 90/01/29. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52539:214-52539:215.
- 9002090028** Application for amend to License NPF-57, consisting of License Change Request 90-01, removing 3.25 limit on extending surveillance intervals in Tech Spec 4.1.2, per Generic Ltr 89-14. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/31. Document Control Branch (Document Control Desk). 7pp. 52599:288-52599:298.
- 9002090031** Proposed Tech Specs re requirements for surveillance intervals. \* Public Service Electric & Gas Co. of New Jersey. 90/01/31. 4pp. 52599:295-52599:298.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002160225** Forwards Amend 36 to License NPF-57 & safety evaluation. Amend revises Tech Specs to avert currently required plant shutdown in event position indication instrumentation for primary containment isolation valve declared inoperable. SHIRAKI, C. Project Directorate I-2. 90/02/01. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52670:067-52670:077.
- 9002160226** Amend 36 to License NPF-57, revising Tech Specs to avert currently required plant shutdown in event that position indication instrumentation for primary containment isolation valve in isolation penetration, declared inoperable. BUTLER, W.R. Project Directorate I-2. 90/02/01. 6pp. 52670:070-52670:075.
- 9002160227** Safety evaluation supporting Amend 36 to License NPF-57. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/01. 2pp. 52670:076-52670:077.

#### Q. Inspection reports, IE Bulletins & correspondence

- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:258-52513:258.
- 9001300230** Forwards response to NRC 891220 ltr re violations noted in plant insps. Response withheld (ref 10CFR73.21). LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52471:187-52471:188.

- 9002010353** Responds to NRC Bulletin 89-002 re Anchor Darling Model S350W swing check valves w/Type 410 stainless steel internal bolting. No sub Anchor Darling valves installed at facility. Valves of similar design installed at facility. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52522:028-52522:029.
- 9001310021** Forwards Safety Insp Rept 50-354/89-20 on 891107-900105. No violations noted. SWETLAND, P.D. Region 1, Ofc of the Director. 90/01/22. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52503:098-52503:113.
- 9001310022** Safety Insp Rept 50-354/89-20 on 891107-900105 No violations noted. Major areas inspected: operations, radiological controls & surveillance testing, emergency preparedness, security, engineering/technical support & safety assessment. KENNY, T.J. Region 1, Ofc of the Director. 90/01/18. 14pp. 52503:100-52503:113.
- 9002130058** Forwards response to Generic Ltr 89-13, "Svc Water Problems Affecting Safety-Related Equipment." Aggressive program of monitoring, insp & matl replacement initiated in advance of Generic Ltr 89-13 issuance. LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/01/26. Document Control Branch (Document Control Desk). 19pp. 52645:311-52645:329.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Blinding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 79pp. 52556:238-52556:317.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- 9002220215** Forwards Maint Team Insp Rept 50-354/89-80 on 891002-13 & notice of violation. Team concluded that util implementing generally effective maint program. Improvements needed to reduce backlog of overdue maint procedure reviews. HODGES, M.W. Region 1, Ofc of the Director. 90/02/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52706:132-52706:183.
- 9002220217** Notice of violation from insp on 891002-13. Violations noted: on 891004, inspector identified dismantled scaffolding components leaning against impulse lines of safety-related instruments in Storage Area 22. \* Region 1, Ofc of the Director. 90/02/07. 3pp. 52706:134-52706:136.
- 9002220222** Maint Team Insp Rept 50-354/89-80 on 891002-13. Violations noted. Major areas inspected: maint program, including review of maint documents & observations of maint work in progress. CHEUNG, L., DURR, J.P. Region 1, Ofc of the Director. 90/01/31. 47pp. 52706:137-52706:183.

#### S. Reportable occurrences, LERs & related correspondence

- 9002080103** LER 89-025-00: on 891230, turbine trip occurred during performance of main turbine thrust bearing wear detector surveillance. Caused by malfunction of limit switch. Design change implemented for keylock bypass switch. W/900129 ltr. COWLES, R.B., HAGAN, J.J. Public Service Electric & Gas Co. of New Jersey. 90/01/29. 8pp. 52590:055-52590:063.
- 9002070207** LER 89-028-00: on 891231, leak from weld on reactor recirculation eye flow transmitter instrument line joint discovered. Cause not stated. Instrument line cut out & replaced w/new section of piping. W/900130 ltr. COWLES, R.B., HAGAN, J.J. Public Service Electric & Gas Co. of New Jersey. 90/01/30. 2pp. 52569:001-52569:002.
- 9002130341** LER 90-001-00: on 900108, turbine trip on moisture separator high level resulted in reactor scram. Caused by combination of equipment failure & cognitive personnel errors. Moisture separator drain control instrumentation tuned. W/900205 ltr. COWLES, R.B., HAGAN, J.J. Public Service Electric & Gas Co. of New Jersey. 90/02/05. 8pp. 52637:030-52637:038.

#### V. Operator Examinations

- 9002140272** Forwards revised NRC Forms 396 & 398, personal qualifications statement & certification of medical exam by licensee, respectively. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52655:240-52655:247.



**9002140074** Informs that generic fundamentals exam section will conform to listed registration & exam process guidelines which will be included in next rev to NUREG-1021 in response to feedback received. Sampling plan encl.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52650:159-52650:166.

#### DOCKET 50-361 SAN ONOFRE NUCLEAR STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

**9002130314** Rev 3 to emergency plan, "Table of Contents," "List of Figures" & "List of Apps."  
\* Southern California Edison Co. 89/11/03. 6pp. 52647:113-52647:118.

**9002080104** Forwards Rev 8 to security force training & qualification plan.W/o encl. KRIEGER,R.W. Southern California Edison Co. 89/12/21. Document Control Branch (Document Control Desk). 1p. 52559:002-52559:002.

**9001310427** Rev 2.02 to "San Onofre Nuclear Generating Station Manual of Emergency Events."  
BELLIS,K.M. Southern California Edison Co. 90/01/04. 67pp. 52514:105-52514:172.

**9001290020** Forwards Rev 26 to physical security plan.Rev withheld (ref 10CFR73.21). MORGAN,H.E. Southern California Edison Co. 90/01/10. Document Control Branch (Document Control Desk). 1p. 52454:128-52454:128.

**9002020107** Requests exemption from updating requirements of 10CFR50.71(e) for Rev 6 to updated fire hazards analysis & Rev 6 to updated FSAR.Due to large number of ongoing activities,submittal of revs delayed until 900330.  
ROSENBLUM,R.M. Southern California Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52526:165-52526:166.

**9002060250** Forwards Safeguards Insp Repts 50-206/90-03,50-361/90-03 & 50-362/90-03 on 900108-19 & notice of violation. Determination on 900111 that item identified as vital area outside of area noted.Encls withheld (ref 10CFR2.790(d)).  
PATE,R.J. Region 5, Ofc of the Director. 90/01/29. RAY,H.B. Southern California Edison Co. 3pp. 52560:035-52560:037.

**9002060284** Expresses appreciation for participation in Emergency Response Data Sys.Requests that encl survey & data point library ref file be completed for each unit reactor.  
JOLICOEUR,J.R. Incident Response Branch. 90/01/30. WALDO,R. Southern California Edison Co. 75pp. 52569:076-52569:151.

**9002220265** Revised EIPs,including Revs 4 to SO123-VIII-0.1 & SO123-VIII-0.301 & Change 2-1 to Rev 2 to SO123-VIII-0.202.  
PLAPPER,T.R.D. Southern California Edison Co. 90/02/07. 92pp. 52688:196-52688:287.

**9002220304** Forwards Rev 6 to "Updated Fire Hazards Analysis,San Onofre Nuclear Generating Station."  
RAY,H.B. Southern California Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 1p. 52692:040-52694:186.

**-9002220308** Rev 6 to "Updated Fire Hazards Analysis,San Onofre Nuclear Generating Station,Units 1,2 & 3."  
\* Southern California Edison Co. 90/02/28. 866pp. 52692:041-52694:186.

##### I. Financial Information

**9002020204** "City of Riverside,CA Comprehensive Annual Financial Rept for FY Ended 890630."  
\* Riverside, CA. 89/06/30. 88pp. 52540:154-52540:264.

##### K. Utility Final Safety Analysis Report (FSAR) & amends

**9002220067** Rev 6 to updated FSAR for San Onofre Nuclear Generating Station,Units 2 & 3,W/900214 ltr.  
RAY,H.B. Southern California Edison Co. 90/02/14. 1,095pp. 52706:184-52709:198.

##### P. Operating license stage documents & correspondence

**9001300394** Forwards Amends 83 & 73 to Licenses NPF-10 & NPF-15, respectively & safety evaluation.Amends incorporate programmatic controls for radiological effluents & radiological environ monitoring in Tech Specs.  
KOKAJKO,L.E. Project Directorate V. 90/01/12. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. 5pp. 52489:275-52490:044.

**-9001300399** Amends 83 & 73 to Licenses NPF-10 & NPF-15,respectively, incorporating programmatic controls for radiological effluents & radiological environ monitoring in administrative controls section of Tech Specs.  
TRAMMELL,C.M. Project Directorate V. 90/01/12. 126pp. 52489:280-52490:039.

**-9001300402** Safety evaluation supporting Amends 83 & 73 to Licenses NPF-10 & NPF-15,respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/12. 5pp. 52490:040-52490:044.

**9001290197** Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets.Suggested considerations for program attribute definition & training needs for sys engineers listed.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

**9002020107** Requests exemption from updating requirements of 10CFR50.71(e) for Rev 6 to updated fire hazards analysis & Rev 6 to updated FSAR.Due to large number of ongoing activities,submittal of revs delayed until 900330.  
ROSENBLUM,R.M. Southern California Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52526:165-52526:166.

**9002090039** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util developing programs to implement recommended Actions I through V & providing schedule of plans for implementation of actions.  
ROSENBLUM,R.M. Southern California Edison Co. 90/01/26. MARTIN,J.B. Region 5, Ofc of the Director. 4pp. 52599:182-52599:185.

**9002050026** Forwards SER re util 891205 commitments to install diverse emergency feedwater actuation sys (DEFAS) on Unit 2 during Cycle 6 refueling outage.DEFAS implementation schedule as outlined in 891205 ltr acceptable.  
KOKAJKO,L.E. Project Directorate V. 90/01/30. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. 4pp. 52542:251-52542:264.

**-9002050028** SER supporting util 891205 commitments to install diverse emergency feedwater actuation sys on Unit 2 during Cycle 6 refueling outage.  
\* NRC - No Detailed Affiliation Given. 90/01/30. 10p. 52542:255-52542:264.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090221** Summary of Tech Spec Working Group 5th meeting on 900118-19 w/listed participants,including BNL,PG&E & EPRI re issues associated w/development of risk-based Tech Specs/plant configuration control pilot program.Lis' of attendees encl. WOHL,M.L. Technical Specifications Branch. 90/02/02. CALVO,J.A. Technical Specifications Branch. 37pp. 52626:046-52626:082.

**9002230409** Forwards overpressure & blowdown conclusions re ring setting mods of main steam safety valves (MSSV),per 890523 commitment.Ring settings of MSSVs set to generic values to achieve stamped capacity lift.  
NANDY,F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52715:337-52715:345.

**-9002230417** "Main Steam Safety Valve Ring Setting Mod for San Onofre Nuclear Generating Station,Units 2 & 3."  
\* Southern California Edison Co. 90/01/25. 7pp. 52715:339-52715:345.

##### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010389** Ack receipt of 900108 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-206/89-25, 50-361/89-28 & 50-362/89-28.  
YUHAS,G.P. Region 5, Ofc of the Director. 90/01/22. RAY,H.B. Southern California Edison Co. 1p. 52505:029-52505:035.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060250** Forwards Safeguards Insp Repts 50-206/90-03,50-361/90-03 & 50-362/90-03 on 900108-19 & notice of violation. Determination on 900111 that item identified as vital area outside of area noted.Encls withheld (ref 10CFR2.790(d)).  
PATE,R.J. Region 5, Ofc of the Director. 90/01/29. RAY,H.B. Southern California Edison Co. 3pp. 52560:035-52560:037.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002070475** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin Refueling Operations." Procedural changes, personnel training & refueling cycle analysis have been used to ensure achievement of full compliance w/bulletin.  
NANDY,F.R. Southern California Edison Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52570:088-52570:089.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licenses." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160023** Advises that util 880822,890615 & 900117 responses to NRC Bulletin 88-003, "Inadequate Latch Engagement in HFA Type Latching Relays Mfg by GE," considered complete.  
KOKAJKO,L.E. Project Directorate V. 90/02/05. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. 3pp. 52703:171-52703:173.

## 108 DOCKETED ITEMS

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents and App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8907270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230199** Forwards safety evaluation & description of pressurizer auxiliary spray line design change per request. Change will be implemented during Unit 3 Cycle 5 refueling outage scheduled to begin in Apr 1990. NADY, F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 11pp. 52702:164-52702:174.

### R. Periodic operating reports & related correspondence

**9002230284** Monthly operating repts for Jan 1990 for San Onofre Nuclear Generating Station Units 2 & 3. W/900213 ltr. SIACOR, E.R., NADY, F.R. Southern California Edison Co. 90/01/31. 13pp. 52701:339-52701:351.

### S. Reportable occurrences, LERs & related correspondence

**9001300161** LER 83-078/03L-1: on 830713, condensate storage tank 2T-121 water level fell below Tech Spec twice due to water usage by auxiliary feedwater sys. Caused by water demand higher than make-up to tank T-121. W/900112 ltr. MORGAN, H.E. Southern California Edison Co. 90/01/12. 3pp. 52494:057-52494:059.

**9001300238** Followup re: during Dec 1989, fire doors found inoperable during routine surveillances. Two latching mechanism failures & one closure failure for Unit 1 & 19 latching mechanism failures & 14 closure failures for Units 2 & 3 noted. NADY, F.R. Southern California Edison Co. 90/01/16. MARTIN, J.B. Region 5, Ofc of the Director. 5pp. 52493:031-52493:035.

**9002050096** Provides followup re: for Tech Spec fire-rated assemblies found inoperable during Dec 1989 routine surveillances & informs that Unit 1 fire doors found inoperable during surveillances now included in re: following implementation. NADY, F.R. Southern California Edison Co. 90/01/16. MARTIN, J.B. Region 5, Ofc of the Director. 5pp. 52548:171-52548:175.

**9002130218** Special re: 891227, pressurizer base support strong motion accelerometer 2XT-8020D declared inoperable for more than 30 days due to playback readings outside test acceptance criteria. Repairs planned during next outage. NADY, F.R. Southern California Edison Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52647:100-52647:101.

**9002150268** Part 21 re: potential of ambient compensated molded case circuit breaker performance to deviate from published info. Appropriate customers informed of original potential substantial safety hazard notification & listed correction. JOHNSON, W.J. Westinghouse Electric Corp. 90/02/06. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52668:239-52668:240.

**9002220118** Explains late submittal of special 30-day re: required by Tech Spec 3.18.2, Action B.1. Personnel incorrectly interpreted Tech Spec requirement to apply only if change involved new location. ROSENBLUM, R.M. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52678:265-52678:266.

### V. Operator Examinations

**9002150314** Informs of termination of RL Sprague employment w/ util, effective 900125. MORGAN, H.E. Southern California Edison Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52668:238-52668:238.

**9002150319** Advises that listed individuals no longer require senior reactor operator licenses, effective on 900117. MORGAN, H.E. Southern California Edison Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52678:255-52678:255.

**9002230454** Informs that reactor operator & senior reactor operator exam scheduled for 900619-29. KIRSCH, D.F. Region 5, Ofc of the Director. 90/02/14. BRIDENBECKER, R. Southern California Edison Co. 12pp. 52716:030-52716:041.

### DOCKET 50-362 SAN ONOFRE NUCLEAR STATION, UNIT 3

#### F. Security, medical, emergency & fire protection plans

**9002130314** Rev 3 to emergency plan, "Table of Contents," "List of Figures" & "List of Apps." Southern California Edison Co. 89/11/03. 8pp. 52647:113-52647:118.

**9002080104** Forwards Rev 8 to security force training & qualification plan. W/o encl. KRIEGER, R.W. Southern California Edison Co. 89/12/21. Document Control Branch (Document Control Desk). 1p. 52559:002-52559:002.

**9001310427** Rev 2.02 to "San Onofre Nuclear Generating Station Manual of Emergency Events." BELLIS, K.M. Southern California Edison Co. 90/01/04. 67pp. 52514:105-52514:172.

**9001290020** Forwards Rev 26 to physical security plan. Rev withheld (ref 10CFR73.21). MORGAN, H.E. Southern California Edison Co. 90/01/10. Document Control Branch (Document Control Desk). 1p. 52454:128-52454:128.

**9002020107** Requests exemption from updating requirements of 10CFR50.71(e) for Rev 6 to updated fire hazards analysis & Rev 6 to updated FSAR. Due to large number of ongoing activities, submittal of revs delayed until 900330. ROSENBLUM, R.M. Southern California Edison Co. 90/01/28. Document Control Branch (Document Control Desk). 2pp. 52528:165-52528:166.

**9002080250** Forwards Safeguards Insp Repts 50-206/90-03, 50-361/90-03 & 50-362/90-03 on 900108-19 & notice of violation. Determination on 900111 that item identified as vital area outside of area noted. Encls withheld (ref 10CFR2.790(d)). PATE, R.J. Region 5, Ofc of the Director. 90/01/29. RAY, H.B. Southern California Edison Co. 3pp. 52560:035-52560:037.

**9002080264** Expresses appreciation for participation in Emergency Response Data Sys. Requests that encl survey & data point library ref file be completed for each util reactor. JOLICOEUR, J.R. Incident Response Branch. 90/01/30. WALDO, R. Southern California Edison Co. 75pp. 52569:076-52569:151.

**9002220265** Revised EIPs, including Revs 4 to SO123-VIII-0.1 & SO123-VIII-0.301 & Change 2-1 to Rev 2 to SO123-VIII-0.202. PLAPPERT, R.D. Southern California Edison Co. 90/02/07. 92pp. 52688:196-52688:287.

**9002220304** Forwards Rev 6 to "Updated Fire Hazards Analysis, San Onofre Nuclear Generating Station." RAY, H.B. Southern California Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 1p. 52692:040-52694:186.

**-9002220308** Rev 6 to "Updated Fire Hazards Analysis, San Onofre Nuclear Generating Station, Units 1, 2 & 3." Southern California Edison Co. 90/02/28. 866pp. 52692:041-52694:186.

### I. Financial Information

**9002020204** "City of Riverside, CA Comprehensive Annual Financial Rept for FY Ended 890630." Riverside, CA. 89/06/30. 88pp. 52540:154-52540:264.

### K. Utility Final Safety Analysis Report (FSAR) & amends

**9002220067** Rev 6 to updated FSAR for San Onofre Nuclear Generating Station, Units 2 & 3. W/900214 ltr. RAY, H.B. Southern California Edison Co. 90/02/14. 1,095pp. 52706:184-52709:198.

### P. Operating license stage documents & correspondence

**9001300394** Forwards Amends 83 & 73 to Licenses NPF-10 & NPF-15, respectively & safety evaluation. Amends incorporate programmatic controls for radiological effluents & radiological environ monitoring in Tech Specs. KOKAJKO, L.E. Project Directorate V. 90/01/12. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 5pp. 52489:275-52490:044.

**-9001300399** Amends 83 & 73 to Licenses NPF-10 & NPF-15, respectively, incorporating programmatic controls for radiological effluents & radiological environ monitoring in administrative controls section of Tech Specs. TRAMMELL, C.M. Project Directorate V. 90/01/12. 126pp. 52489:280-52490:039.

**-9001300402** Safety evaluation supporting Amends 83 & 73 to Licenses NPF-10 & NPF-15, respectively. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/12. 5pp. 52490:040-52490:044.

**9001290197** Forwards, "Sys Engineering," for licensee personnel w/ responsibility re: listed dockets. Suggested considerations for program attribute definition & training needs for sys engineers listed. KIRSCH, D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

**9002230530** Documents commitment re impact of outage-related overtime, based on interview at site on 900112. Util will not schedule heavy use of overtime for duration of refueling outage for personnel addressed by Tech Specs assigned to unit. RAY, H.B. Southern California Edison Co. 90/01/18. ZIMMERMAN, R. Region 5, Ofc of the Director. 2pp. 52702:358-52702:359.

**9002020107** Requests exemption from updating requirements of 10CFR50.71(e) for Rev 6 to updated fire hazards analysis & Rev 6 to updated FSAR. Due to large number of ongoing activities, submittal of revs delayed until 900330. ROSENBLUM, R.M. Southern California Edison Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52528:165-52528:166.

**9002090039** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util developing programs to implement recommended Actions I through V & providing schedule of plans for implementation of actions. ROSENBLUM, R.M. Southern California Edison Co. 90/01/26. MARTIN, J.B. Region 5, Ofc of the Director. 4pp. 52599:182-52599:185.

**9002050026** Forwards SER re util 891205 commitments to install diverse emergency feedwater actuation sys (DEFAS) on Unit 2 during Cycle 6 refueling outage. DEFAS implementation schedule as outlined in 891205 ltr acceptable. KOKAJKO, L.E. Project Directorate V. 90/01/30. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 4pp. 52542:251-52542:264.

**-9002050028** SER supporting util 891205 commitments to install diverse emergency feedwater actuation sys on Unit 2 during Cycle 6 refueling outage. NRC - No Detailed Affiliation Given. 90/01/30. 10p. 52542:255-52542:264.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090221** Summary of Tech Spec Working Group 5th meeting on 900118-19 w/ listed participants, including BNL, PG&E & EPRI re issues associated w/ development of risk-based Tech Specs/plant configuration control pilot program. List of attendees encl. WOHL, M.L. Technical Specifications Branch. 90/02/02. CALVO, J.A. Technical Specifications Branch. 37pp. 52626:048-52626:082.

**9002230409** Forwards overpressure & blowdown conclusions re ring setting mods of main steam safety valves (MSSV), per 890523 commitment. Ring settings of MSSVs set to generic values to achieve stamped capacity lift.  
NANDY, F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52715:337-52715:345.

—**9002230417** "Main Steam Safety Valve Ring Setting Mod for San Onofre Nuclear Generating Station, Units 2 & 3."  
\* Southern California Edison Co. 90/01/25. 7pp. 52715:339-52715:345.

**9002220051** Forwards Amend Application 74 to License NPF-15, consisting of proposed Tech Spec Change NPF-15-317. Amend extends surveillance interval for refueling interval surveillances by 1 month.  
RAY, H.B. Southern California Edison Co. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52689:236-52689:247.

—**9002220057** Application for amend to License NPF-15, revising surveillance requirements of Tech Spec 3/4.8.1.1.  
RAY, H.B. Southern California Edison Co. 90/02/12. 6pp. 52689:238-52689:243.

—**9002220062** Proposed Tech Specs extending surveillance interval for refueling interval surveillances to 25 months.  
\* Southern California Edison Co. 90/02/12. 4pp. 52689:244-52689:247.

## Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310480** Forwards response to NRC Bulletin 88-003, "Inadequate Latch Engagement in HFA Type Latching Relaying Mfg by GE." Verification test procedure for GE HFA relays incorporated.  
ROSENBLUM, R.M. Southern California Edison Co. 90/01/17. MARTIN, J.B. Region 5, Ofc of the Director. 4pp. 52498:134-52498:137.

**9002010389** Ack receipt of 900108 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-206/89-25, 50-361/89-28 & 50-362/89-28.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/01/22. RAY, H.B. Southern California Edison Co. 1p. 52505:029-52505:035.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060250** Forwards Safeguards Insp Repts 50-206/90-03, 50-361/90-03 & 50-362/90-03 on 900108-19 & notice of violation. Determination on 900111 that item identified as vital area outside of area noted. Encls withheld (ref 10CFR2.790(d)).  
PATER, J. Region 5, Ofc of the Director. 90/01/29. RAY, H.B. Southern California Edison Co. 3pp. 52560:035-52560:037.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002070475** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin Refueling Operations." Procedural changes, personnel training & refueling cycle analysis have been used to ensure achievement of full compliance w/bulletin.  
NANDY, F.R. Southern California Edison Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52570:088-52570:089.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160023** Advises that until 880822, 890615 & 900117 responses to NRC Bulletin 88-003, "Inadequate Latch Engagement in HFA Type Latching Relays Mfg by GE," considered complete.  
KOKAJKO, L.E. Project Directorate V. 90/02/05. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 3pp. 52703:171-52703:173.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—**8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230199** Forwards safety evaluation & description of pressurizer auxiliary spray line design change, per request. Change will be implemented during Unit 3 Cycle 5 refueling outage scheduled to begin in Apr 1990.  
NANDY, F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 11pp. 52702:164-52702:174.

## R. Periodic operating reports & related correspondence

**9002230284** Monthly operating repts for Jan 1990 for San Onofre Nuclear Generating Station Units 2 & 3. W/900213 ltr.  
SIACOR, E.R., NANDY, F.R. Southern California Edison Co. 90/01/31. 13pp. 52701:339-52701:351.

## S. Reportable occurrences, LERs & related correspondence

**9001300238** Followup rept during Dec 1989, fire doors found inoperable during routine surveillances. Two latching mechanism failures & one closure failure for Unit 1 & 19 latching mechanism failures & 14 closure failures for Units 2 & 3 noted.  
NANDY, F.R. Southern California Edison Co. 90/01/16. MARTIN, J.B. Region 5, Ofc of the Director. 5pp. 52493:031-52493:035.

**9002050096** Provides followup rept for Tech Spec fire-rated assemblies found inoperable during Dec 1989 routine surveillances & informs that Unit 1 fire doors found inoperable during surveillances now included in rept following implementation.  
NANDY, F.R. Southern California Edison Co. 90/01/16. MARTIN, J.B. Region 5, Ofc of the Director. 5pp. 52548:171-52548:175.

**9002150268** Part 21 rept re potential of ambient compensated molded case circuit breaker performance to deviate from published info. Appropriate customers informed of original potential substantial safety hazard notification & listed correction.  
JOHNSON, W.J. Westinghouse Electric Corp. 90/02/06. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52668:239-52668:240.

**9002220118** Explains late submittal of special 30-day rept required by Tech Spec 3.18.2, Action B.1. Personnel incorrectly interpreted Tech Spec requirement to apply only if change involved new location.  
ROSENBLUM, R.M. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52678:265-52678:266.

**9002260239** LER 89-008-02 on 890629, excessive mechanical seal leakage observed & on 890630, shutdown initiated to replace seal. Caused by oil in contact w/seal O-ring. Oil deflector installed on LPSI & safety-related pumps. W/900217 ltr.  
MORGAN, H.E. Southern California Edison Co. 90/02/17. 11pp. 52713:197-52713:207.

## V. Operator Examinations

**9002150314** Informs of termination of RL Sprague employment w/util, effective 900125.  
MORGAN, H.E. Southern California Edison Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52668:238-52668:238.

**9002150319** Advises that listed individuals no longer require senior reactor operator licenses, effective on 900117.  
MORGAN, H.E. Southern California Edison Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52678:255-52678:255.

**9002230454** Informs that reactor operator & senior reactor operator exam scheduled for 900619-29.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/02/14. BRIDENBECKER, R. Southern California Edison Co. 12pp. 52718:030-52718:041.

## DOCKET 50-364 JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2

## F. Security, medical, emergency & fire protection plans

**9001290080** Rev 6 to EPIP FNP-0-EIP-14, "Re-Entry Procedures." W/900117 ltr.  
HUDSPETH, J.B. Alabama Power Co. 90/01/17. 11pp. 52451:338-52451:348.

**9002010190** Rev 26 to EPIP FNP-0-EIP-16, "Emergency Equipment & Supplies." W/900124 ltr.  
HUDSPETH, J.B. Alabama Power Co. 90/01/24. 109pp. 52512:243-52512:351.

**9002090023** Advises that 891018 Rev 17 to emergency plan consistent w/10CFR50.54(q) & acceptable.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/01/25. HAIRSTON, W.G. Alabama Power Co. 2pp. 52598:180-52598:181.

**9002130285** Forwards Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted but not cited.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/01/30. HAIRSTON, W.G. Alabama Power Co. 3pp. 52646:342-52646:359.

—**9002130288** Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted. Major areas inspected: operational safety verification, monthly surveillance observation, monthly maint observation, cold weather preparations & emergency exercises.  
MAXWELL, G.F., CANTRELL, F.S. Region 2, Ofc of the Director. 90/01/30. 15pp. 52646:345-52646:359.

**9002130308** Attachments A & B to FNP-0-EIP-8 re on-call schedule & weekly duty roster. W/900130 ltr.  
\* Alabama Power Co. 90/01/30. 9pp. 52646:143-52646:151.

**9002130039** Forwards Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15, 20 & 29. No violations or deviations noted. Four exercise weaknesses in need of corrective action identified. Corrective actions discussed during 891229 telcon.  
STOHR, J.P. Region 2, Ofc of the Director. 90/02/01. HAIRSTON, W.G. Alabama Power Co. 3pp. 52647:001-52647:025.

## 110 DOCKETED ITEMS

-9002130044 Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Major areas inspected: annual emergency response exercise, exercise objectives & scenario details.  
KREH,J.L. Region 2, Ofc of the Director. 90/01/18. 22pp. 52647:004-52647:025.

9002130162 Forwards safety evaluation discussing programmatic improvements which will enhance util ability to develop & maintain consistently high quality emergency operating procedures.  
REEVES,E.A. Project Directorate II-1. 90/02/05. HAIRSTON,W.G. Alabama Power Co. 2pp. 52646:153-52646:161.

-9002130167 Safety evaluation re procedures generation package for plant. Package submitted in util 830729 & 870512 ltrs should be reviewed to address programmatic improvements outlined in Section 2 of evaluation.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 7pp. 52646:155-52646:161.

9002230139 Revised Attachments A,B & C to EPIP FNP-O-EIP-8, "On-Call Schedule." W/900206 ltr.  
MOREY,D.N., HUDSPETH,J.B. Alabama Power Co. 90/02/06. 10pp. 52697:348-52697:357.

### H. General correspondence

9002150154 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900209.  
HAIRSTON,W.G. Alabama Power Co. 90/02/05. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52635:312-52635:312.

### P. Operating license stage documents & correspondence

9001300471 Forwards response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Util has program to perform visual insps & cleanings of plant svc water intake structure by means of scuba divers.  
HAIRSTON,W.G. Alabama Power Co. 90/01/23. Document Control Branch (Document Control Desk). 13pp. 52496:223-52496:235.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130162 Forwards safety evaluation discussing programmatic improvements which will enhance util ability to develop & maintain consistently high quality emergency operating procedures.  
REEVES,E.A. Project Directorate II-1. 90/02/05. HAIRSTON,W.G. Alabama Power Co. 2pp. 52646:153-52646:161.

-9002130167 Safety evaluation re procedures generation package for plant. Package submitted in util 830729 & 870512 ltrs should be reviewed to address programmatic improvements outlined in Section 2 of evaluation.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 7pp. 52646:155-52646:161.

### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310119 Ack receipt of 891222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-348/89-26 & 50-364/89-26.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/23. HAIRSTON,W.G. Alabama Power Co. 2pp. 52503:285-52503:286.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002130285 Forwards Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted but not cited.  
VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/30. HAIRSTON,W.G. Alabama Power Co. 3pp. 52646:342-52646:359.

-9002130288 Insp Repts 50-348/89-34 & 50-364/89-34 on 891211-900110. Violations noted. Major areas inspected: operational safety verification, monthly surveillance observation, monthly maint observation, cold weather preparations & emergency exercises.  
MAXWELL,G.F., MILLER,W.H., CHRISTENSEN,C. Region 2, Ofc of the Director. 90/01/30. 15pp. 52646:345-52646:359.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002120271 Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Refueling procedures will be revised to incorporate guidance that will preclude inadvertent loss of shutdown.  
HAIRSTON,W.G. Alabama Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52631:180-52631:181.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002130039 Forwards Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Four exercise weaknesses in need of corrective action identified. Corrective actions discussed during 891229 telcon.  
STOHR,J.P. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Alabama Power Co. 3pp. 52647:001-52647:025.

-9002130044 Insp Repts 50-348/89-32 & 50-364/89-32 on 891212-15,20 & 29. No violations or deviations noted. Major areas inspected: annual emergency response exercise, exercise objectives & scenario details.  
KREH,J.L., RANKIN,W.H. Region 2, Ofc of the Director. 90/01/18. 22pp. 52647:004-52647:025.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### S. Reportable occurrences, LERs & related correspondence

9001310010 LER 89-016-00: on 891228, discovered that required surveillance for plant vent stack radioactive gas monitor not performed. Caused by personnel improperly scheduling surveillance for time later than due date. W/900123 ltr.  
MOREY,D.N., HAIRSTON,W.G. Alabama Power Co. 90/01/23. 4pp. 52521:014-52521:017.

9002060162 RO: on 900125, fire protection water storage tanks decreased below required min level caused by crack in fire protection sys yard. Crack was isolated & level restored to above min within two hours.  
HAIRSTON,W.G. Alabama Power Co. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52557:007-52557:007.

9002120293 Special Rept 90-001: on 900111, Train Reactor Vessel A level indicating sys inoperable for more than 7 days. Replacement of Train A RVLIS scheduled to begin during next refueling outage in fall of 1990.  
HAIRSTON,W.G. Alabama Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52617:267-52617:268.

9002080156 Special Rept 90-002: on 900125, water level in both fire protection water storage tanks less than Tech Spec limits. Pipe will be evaluated to determine cause of failure & affected section will be replaced.  
HAIRSTON,W.G. Alabama Power Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52609:243-52609:244.

### DOCKET 50-366 EDWIN I. HATCH NUCLEAR PLANT, UNIT 2

### F. Security, medical, emergency & fire protection plans

9001310360 Forwards revised NRC 891201 ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25, reflecting correct rept numbers.  
CLINE,W.E. Region 2, Ofc of the Director. 89/12/28. HAIRSTON,W.G. Georgia Power Co. 3pp. 52514:046-52514:053.

-9001310374 Corrected ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21).  
\* Region 2, Ofc of the Director. 89/12/01. HAIRSTON,W.G. Georgia Power Co. 1p. 52514:049-52514:049.

-9001310386 Forwards Insp Repts 50-321/89-26 & 50-366/89-26 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21).  
CLINE,W.E. Region 2, Ofc of the Director. 89/12/01. HAIRSTON,W.G. Georgia Power Co. 3pp. 52514:050-52514:053.

-9001310392 Partially withheld Insp Repts 50-321/89-25 & 50-366/89-25 (ref 10CFR2.790(d) & 73.21). Violations noted. Major areas inspected: mgt support, security program plans, protected & vital area barriers & detection & assessment aids.  
THOMPSON,D. Region 2, Ofc of the Director. 89/11/20. 1p. 52514:053-52514:053.

9002150343 Advises that portions of rev to 891222 physical security plan inconsistent w/provisions of 10CFR50.54(p). Changes delineated in plan must not be implemented. Plan should be modified per encl comments. Encl withheld (ref 10CFR73.21).  
CLINE,W.E. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Georgia Power Co. 3pp. 52656:038-52656:040.

### H. General correspondence

9002150186 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900209.  
HAIRSTON,W.G. Georgia Power Co. 90/02/07. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52635:308-52635:308.

### P. Operating license stage documents & correspondence

9001290224 Forwards draft qualified master trust agreement for decommissioning of nuclear plants, for review. Licensee will make contributions to qualified & nonqualified trust as appropriate.  
LAMBERSKI,J. Troutman, Sanders, Lockerman & Ashmore. 90/01/16. WOOD,R.S. NRC - No Detailed Affiliation Given. 38pp. 52469:012-52469:049.



**9001310171** Grants permission to use ASME Code Case N-461 during Spring 1990 refueling outage for calibr blocks, thickness measurements & weld joint contours & ultrasonic reflectors, per 891016 request.  
CROCKER, L.P. Project Directorate II-3. 90/01/22. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:014-52514:016.

**9001310224** Informs that until 891024 response to Generic Ltr 89-16, "Installation of Hardened Wetwell Vents," acceptable. Backfit analyses will not be performed. Mod schedule should be reevaluated.  
CROCKER, L.P. Project Directorate II-3. 90/01/22. HAIRSTON, W.G. Georgia Power Co. 2pp. 52530:360-52530:361.

**9002050243** Forwards Director's Decision DD-89-09 under 10CFR2.206 re BWR design problems. Petition of A Harlowe on behalf of Ecology Ctr of Southern California denied.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/22. HAIRSTON, W.G. Georgia Power Co. 3pp. 52543:002-52543:098.

**9001300448** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Util plans to augment existing programs or implement new programs to meet intent of generic ltr.  
HAIRSTON, W.G. Georgia Power Co. 90/01/23. EBNETER, S.D. Region 2, Ofc of the Director. 12pp. 52491:253-52491:264.

**9002010006** Advises that individual plant exam approach, methodology & schedule, contained in 891027 ltr to address Generic Ltr 88-20, acceptable. NRC will accept one submittal for both units at site provided differences addressed in plant exams.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/24. HAIRSTON, W.G. Georgia Power Co. 4pp. 52531:110-52531:113.

**9002050272** Application for amends to Licenses DPR-57 & NPF-5, respectively, amending Tech Specs to clarify revised method of suppression pool average temp determination.  
HAIRSTON, W.G. Georgia Power Co. 90/01/26. Document Control Branch (Document Control Desk). 8pp. 52541:337-52541:353.

**-9002050274** Proposed Tech Specs, clarifying revised method of suppression pool average temp determination.  
\* Georgia Power Co. 90/01/26. 9pp. 52541:345-52541:353.

**9002060358** Forwards notice of consideration of issuance of amend to License NPF-5 & opportunity for hearing on 891221 request to replace current Tech Specs w/set of Tech Specs based on BWR Owners Group Improved STS.  
CROCKER, L.P. Project Directorate II-3. 90/01/31. HAIRSTON, W.G. Georgia Power Co. 2pp. 52594:016-52594:023.

**-9002080363** Notice of consideration of issuance of amend to License NPF-5 & opportunity for hearing on 891221 request to replace current Tech Specs w/set of Tech Specs based on BWR Owners Group Improved STS.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/31. 6pp. 52594:018-52594:023.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002150020** Forwards final technical rept, "Edwin I Hatch Nuclear Plant Unit 2 Reactor Containment Bldg 1989 Integrated Leakage Rate Test" for Fall 1989 maint/refueling outage, per IE Notice 85-071.  
HAIRSTON, W.G. Georgia Power Co. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52677:277-52678:097.

**-9002150061** "Edwin I Hatch Nuclear Plant Unit 2 Reactor Containment Bldg 1989 Integrated Leakage Rate Test," final rept.  
\* BCP Technical Services, Inc. 89/11/30. 179pp. 52677:279-52678:097.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001310360** Forwards revised NRC 891201 ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25, reflecting correct rept numbers.  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/28. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:046-52514:053.

**-9001310374** Corrected ltr forwarding Insp Repts 50-321/89-25 & 50-366/89-25 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21).  
\* Region 2, Ofc of the Director. 89/12/01. HAIRSTON, W.G. Georgia Power Co. 1p. 52514:049-52514:049.

**-9001310386** Forwards Insp Repts 50-321/89-26 & 50-366/89-26 on 891002-06 & notice of violation. Notice withheld (ref 10CFR2.790(d) & 73.21).  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/01. HAIRSTON, W.G. Georgia Power Co. 3pp. 52514:050-52514:053.

**-9001310392** Partially withheld Insp Repts 50-321/89-25 & 50-366/89-25 (ref 10CFR2.790(d) & 73.21). Violations noted. Major areas inspected: mgt support, security program plans, protected & vital area barriers & detection & assessment aids.  
THOMPSON, D. MCGUIRE, D.R. Region 2, Ofc of the Director. 89/11/20. 1p. 52514:053-52514:053.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001290198** Ack receipt of 900102 response to 891201 notice of violation re Insp Repts 50-321/89-25 & 50-366/89-25. Violations stem from multiple causes, including failure to follow adequate procedures & to maintain adequate tests.  
CLINE, W.E. Region 2, Ofc of the Director. 90/01/18. HAIRSTON, W.G. Georgia Power Co. 3pp. 52468:087-52468:089.

**9001300448** Ack receipt of 900102 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/89-30 & 50-366/89-30.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/19. HAIRSTON, W.G. Georgia Power Co. 2pp. 52475:014-52475:015.

**9001310271** Forwards Insp Repts 50-321/89-33 & 50-366/89-33 on 891125-900105. Violations noted but not cited.  
HERDT, A.R. Region 2, Ofc of the Director. 90/01/19. HAIRSTON, W.G. Georgia Power Co. 3pp. 52501:345-52501:361.

**-9001310273** Insp Repts 50-321/89-33 & 50-366/89-33 on 891125-900105. Noncited violations noted. Major areas inspected: operational safety verification, maint observation, surveillance testing observation, ROS, fitness for duty & reactor startup.  
MENNING, J.E., MUSSER, R.A., BROCKMAN, K.E. Region 2, Ofc of the Director. 90/01/19. 14pp. 52501:348-52501:361.

**9002090201** Ack receipt of 900110 response to SALP Repts 50-321/89-22 & 50-366/89-22 for Jul 1988 - Sept 1989. No formal changes to initial SALP rept warranted. Results of rept discussed at 891213 meeting. W/Meeting summary & slides & errata packages.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. HAIRSTON, W.G. Georgia Power Co. 37pp. 52599:134-52599:175.

**-9002090220** Errata to SALP Repts 50-321/89-22 & 50-366/89-22 for Jul 1988 - Sept 1989, consisting of new cover sheet to indicate repts as final & revised Page 5.  
\* Region 2, Ofc of the Director. 90/01/23. 2pp. 52599:174-52599:175.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002090326** Responds to NRC 900102 ltr re violations noted in Insp Repts 50-321/89-28 & 50-366/89-28. Corrective actions: deficiency card documenting event initiated as required by plant procedures.  
HAIRSTON, W.G. Georgia Power Co. 90/01/31. Document Control Branch (Document Control Desk). 6pp. 52615:037-52615:042.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150020** Forwards final technical rept, "Edwin I Hatch Nuclear Plant Unit 2 Reactor Containment Bldg 1989 Integrated Leakage Rate Test" for Fall 1989 maint/refueling outage, per IE Notice 85-071.  
HAIRSTON, W.G. Georgia Power Co. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52677:277-52678:097.

#### R. Periodic operating reports & related correspondence

**9002220236** Monthly operating repts for Jan 1990 for EI Hatch Units 1 & 2. W/900212 ltr.  
BEARD, R.M., HAIRSTON, W.G. Georgia Power Co. 90/01/31. 11pp. 52683:006-52683:016.

#### S. Reportable occurrences, LERs & related correspondence

**9002160009** LER 90-002-00: on 900114, RWCU experienced high differential flow, indicating possibility of leak in sys. Caused by component failure & less than adequate mounting for relay. Relay replaced w/time delay relay. W/900206 ltr.  
TIPPS, S.B., HAIRSTON, W.G. Georgia Power Co. 90/02/06. 7pp. 52654:110-52654:116.

#### DOCKET 50-368 ARKANSAS NUCLEAR ONE, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9002010120** Rev 8 to Arkansas Nuclear One emergency plan. W/900122 ltr.  
\* Arkansas Power & Light Co. 90/01/01. 436pp. 52507:060-52508:135.

**9002010179** Public version of revised EIPs, consisting of Rev 9 to 1904.002 & Rev 17 to 1904.002. W/900125 release memo.  
\* Arkansas Power & Light Co. 90/01/02. 88pp. 52522:241-52522:328.

**9002080240** Ack receipt of 891201 ltr advising of requirement to extend time to complete perimeter security improvement project. Extension justifiable & acceptable. Implementation will be reviewed during future insp.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52588:184-52588:187.



## 112 DOCKETED ITEMS

### H. General correspondence

**9002080242** Comment supporting proposed rule 10CFR50, "Stabilization & Decontamination Priority, Trusteeship Provisions & Amount of Property Insurance Requirements." FISICARO, J.J. Arkansas Power & Light Co. 90/01/15. CHILK, S.J. Office of the Secretary of the Commission. 6pp. 52567:152-52567:156.

### P. Operating license stage documents & correspondence

**9001310060** Discusses licensee 890720 request for increased fuel rod burnup limit, per CEN-386-P. Final safety evaluation will be issued by 900630. HEBDON, F.J. Project Directorate IV. 90/01/11. CAMPBELL, T.G. Arkansas Power & Light Co. 4pp. 52498:188-52498:191.

**9001240149** Submits plant-specific conceptual design for diverse emergency feedwater actuation sys per 10CFR50.22. Requests MRC approval of design in form of SER by end of Jul 1990 to support implementation during eighth refueling outage. FISICARO, J.J. Arkansas Power & Light Co. 90/01/15. Document Control Branch (Document Control Desk). 2pp. 52598:135-52598:136.

**-9002060010** "Conceptual Design for Diverse Emergency Feedwater Actuation Sys." \* Arkansas Power & Light Co. 89/12/31. 31pp. 52598:137-52598:167.

**9002050293** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Svc water integrity program will ensure that required design performance of svc water sys maintained. FISICARO, J.J. Arkansas Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 27pp. 52547:141-52547:167.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:083.

**9002220391** Summarizes plant periodic performance meeting on 900119 at site re activities authorized by Licenses DPR-51 & NPF-6. Meeting beneficial & provided better understanding of ongoing organizational changes at plant. W/summary & slides. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/12. CAMPBELL, G. Arkansas Power & Light Co. 60pp. 52674:085-52674:144.

**9002230045** Requests relief from ASME Code 1980 Edition, Winter 1981 Addenda, Section XI IWA-4120 & Section III NC-5282.7 requirements for radiographic exam of welded repair to facility refueling water tank. FISICARO, J.J. Arkansas Power & Light Co. 90/02/12. Document Control Branch (Document Control Desk). 4pp. 52709:277-52709:280.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001290222** Advises that actions taken in response to NRC Bulletin 88-010, "Nonconforming Molded-Case Circuit Breakers," described in 890331, 1031 & 1228 ltrs, acceptable. Records re bulletin should be maintained for at least 5 yrs. POSLUSNY, C. Project Directorate IV. 90/01/18. CAMPBELL, T.G. Arkansas Power & Light Co. 3pp. 52454:070-52454:072.

**9002090172** Forwards Insp Repts 50-313/89-47 & 50-368/89-47 on 891213-14 & notice of violation. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/19. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52599:306-52599:316.

**-9002090176** Notice of violation from Insp on 891213-14. Violations noted: failure to perform whole body frisk after individual worked in controlled area around old radwaste bldg on 891210. \* Region 4, Ofc of the Director. 90/01/19. 2pp. 52599:309-52599:310.

**-9002090177** Insp Repts 50-313/89-47 & 50-368/89-47 on 891213-14. Violations noted. Major areas inspected: events surrounding release of radioactive matl into uncontrolled area. RICKETSON, L.T., MURRAY, B. Region 4, Ofc of the Director. 90/01/18. 6pp. 52599:311-52599:316.

**9001300012** Forwards Insp Repts 50-313/89-39 & 50-368/89-39 on 891016-26 & notice of violation. Two unresolved items noted. COLLINS, S.J. Region 1, Ofc of the Director. 90/01/22. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52475:033-52475:054.

**-9001300013** Notice of violation from Insp on 891016-26. Violations noted: Unit 1 inservice insp program had no ref marking sys & welds within Insp program not marked w/ unique identifiers & filing cabinets containing QA records stored improperly. \* Region 4, Ofc of the Director. 90/01/22. 2pp. 52475:036-52475:037.

**-9001300015** Insp Repts 50-313/89-39 & 50-368/89-39 on 891016-26. Violations & unresolved items noted. Major areas inspected: inservice insp, erosion/corrosion, mod & drawing control programs. KERCH, H.W., HARRIS, R.H., OLIVERI, M.A. Region 1, Ofc of the Director. 89/12/29. 17pp. 52475:038-52475:054.

**9002020162** Discusses Insp Repts 50-313/89-34 & 50-368/89-34 & forwards notice of violation & proposed imposition of civil penalty in amount of \$75,000. MARTIN, R.D. Region 4, Ofc of the Director. 90/01/22. CAMPBELL, G. Arkansas Power & Light Co. 6pp. 52546:246-52546:253.

**9001310443** Ack receipt of 891228 ltr in response to 891025 ltr re Ofc of Investigations Rept 4-87-011. Proposal to provide add specific info in response to Diagnostic Evaluation Team rept & SALP rept acceptable. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/24. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52498:107-52498:108.

**9002050300** Ack receipt of 900109 ltr informing NRC of steps taken to correct violations noted in Insps 50-313/89-40 & 50-368/89-40. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/26. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52547:262-52547:273.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002080185** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Procedural restriction added to refueling procedure for Unit 2. Unit 1 refueling procedure will be revised. FISICARO, J.J. Arkansas Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52594:262-52594:266.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002120317** Advises that procedure rev has been delayed due to impending realignment of engineering & maint personnel. Implementation now scheduled for 900330. EWING, E.C. Arkansas Power & Light Co. 90/01/31. Document Control Branch (Document Control Desk). 1p. 52607:034-52607:034.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

**9002080240** Ack receipt of 891201 ltr advising of requirement to extend time to complete perimeter security improvement project. Extension justifiable & acceptable. Implementation will be reviewed during future Insp. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52588:184-52588:187.

**9002130284** Forwards Insp Repts 50-313/89-45 & 50-368/89-45 on 891116-1231 & notice of violation. Concerns raised re potential safety significance of failing to maintain equipment in qualified configuration. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52634:295-52634:317.

**-9002130286** Notice of violation from Insp on 891116-1231. Violations noted: tape splices for feedwater containment isolation valves lacked Okonite T-95/35 tape & output leads from transmitter reversed when reconnected. \* Region 4, Ofc of the Director. 90/02/01. 2pp. 52634:298-52634:299.

**-9002130290** Insp Repts 50-313/89-45 & 50-368/89-45 on 891116-1231. Violations noted. Major areas inspected: plant status, followup of events, operational safety verification, temporary instruction, maint, surveillance & personnel errors. CHAMBERLAIN, D. Region 4, Ofc of the Director. 90/01/30. 18pp. 52634:300-52634:317.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002120327** Responds to NRC 900104 ltr re violations noted in Insp Repts 50-313/89-22 & 50-368/89-22. Corrective actions: procedural inadequacies corrected & comprehensive program implemented to meet mgt objectives. EWING, E.C. Arkansas Power & Light Co. 90/02/02. Document Control Branch (Document Control Desk). 4pp. 52627:052-52627:055.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150292** Discusses util 891220 response to violations noted in Insp Repts 50-313/89-37 & 50-368/89-37. Use of Okonite T-95 & 35 taped splice configuration for power & control circuits acceptable. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/07. CAMPBELL, G. Arkansas Power & Light Co. 2pp. 52656:236-52656:239.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### R. Periodic operating reports & related correspondence

**9002120297** Forwards revs to semiannual radiological effluent release repts for 1987-89. FISICARO, J.J. Arkansas Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52627:133-52627:141.

**-9002120302** Revised third & fourth quarters of 1987 solid waste release rept. \* Arkansas Power & Light Co. 87/12/31. 2pp. 52627:135-52627:136.

**-9002120304** Revised 1988 solid waste release repts for Arkansas Nuclear One. \* Arkansas Power & Light Co. 88/12/31. 2pp. 52627:137-52627:138.

- 9002120306 Revised first & second quarters of 1989 gaseous effluent & unplanned releases to unrestricted areas for Arkansas Nuclear One.  
\* Arkansas Power & Light Co. 89/12/31. 3pp. 52627:139-52627:141.

#### S. Reportable occurrences, LERs & related correspondence

- 9001310009 LER 89-025-00: on 891221, two piping penetrations located in barrier not surveilled as required by Tech Specs. Caused by personnel error. Fire watch posted when necessary per Tech Spec. W/900122 ltr.  
MILLAR, D., EWING, E.C. Arkansas Power & Light Co. 90/01/22. 4pp. 52521:010-52521:013.
- 9002080162 LER 89-024-00: on 891231, loose terminal in feedwater control sys cabinet resulted in reactor trip. Caused by loose connection on terminal. Loose connection re-terminated properly. W/900130 ltr.  
MILLAR, D., EWING, E.C. Arkansas Power & Light Co. 90/01/30. 5pp. 52590:050-52590:054.
- 9002120252 LER 89-012-01: on 890626, RCS backleakage through safety injection sys check valve occurred three times. Caused by missing rolpins which connect valve disc to valve disc shaft. Rolpins replaced & valves reassembled. W/900131 ltr.  
MILLAR, D., EWING, E.C. Arkansas Power & Light Co. 90/01/31. 9pp. 52635:200-52635:208.

#### V. Operator Examinations

- 9002130255 Forwards info re generic fundamentals exam section of operator licensing written exam to be administered on 900207.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. CAMPBELL, G. Arkansas Power & Light Co. 4pp. 52634:291-52634:294.

#### DOCKET 50-369 WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

- 9002060243 Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan." W/900131 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.
- 9002060249 Public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 27pp. 52561:011-52561:283.
- 9001310121 Forwards Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1988 & advises that comments re evaluation of performance of plant should be submitted within 30 days following date of meeting.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/19. TUCKER, H.B. Duke Power Co. 3pp. 52503:155-52503:184.
- 9001310129 Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1988.  
\* Region 2, Ofc of the Director. 90/01/19. 27pp. 52503:158-52503:184.
- 9001310295 Forwards Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Corrective actions re exercise weaknesses should be submitted within 45 days of ltr date.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/01/23. TUCKER, H.B. Duke Power Co. 3pp. 52504:056-52504:076.
- 9001310298 Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Weakness noted re lack of shift supervisor involvement in plant analysis. Major areas inspected: annual emergency exercise.  
GOODEN, A., RANKIN, W. Region 2, Ofc of the Director. 90/01/17. 18pp. 52504:059-52504:076.
- 9002070225 Ack receipt of 891218 transmittal of Rev 40 to station physical security plan. Submittal of corrected plan pages requested in order to maintain plan continuity.  
CLINE, W.E. Region 2, Ofc of the Director. 90/01/26. TUCKER, H.B. Duke Power Co. 3pp. 52593:031-52593:033.
- 9002220069 Forwards public version of EIPs, including Procedure RP/0/A/5700/04, "General Emergency," Rev 19 to Station Directive 3.8.1 & compliance manual, Section 13.2. W/900213 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52689:255-52689:320.
- 9002220072 Public version of EIPs, including RP/0/A/5700/04, "General Emergency," Rev 19 to Station Directive 3.8.1 & compliance manual, Section 13.2.  
MCCONNELL, T.L. Duke Power Co. 90/01/19. 67pp. 52689:257-52689:320.
- 9002140222 Responds to violations noted in Insp Repts 50-369/89-38 & 50-370/89-38. Corrective action: functional check of emergency boat added to PMPT program.  
TUCKER, H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52652:356-52652:360.

#### P. Operating license stage documents & correspondence

- 9002010217 Forwards safety evaluation concluding that procedures generation package for upgrading emergency operating procedures needs to be improved to address programmatic improvements, per Generic Ltr 82-33 & NUREG-0737, Suppl 1.  
HOOD, D. Project Directorate II-3. 90/01/19. TUCKER, H.B. Duke Power Co. 10pp. 52532:001-52532:010.
- 9001290152 Requests that until 890216 request for relief from ASME Section XI hydrostatic testing requirements for mods on nuclear svc water sys be extended to include Mods MG-12243 & MG-22243. Inadequate boundaries make testing impractical.  
TUCKER, H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 6pp. 52469:124-52469:150.

- 9001310209 Forwards proprietary Rev 1 to DPC-NE-2001, "Fuel Mechanical Reload Analysis Methodology for MARK-BW Fuel," adding section re ECCS analysis interface criteria & making associated administrative changes. Rev withheld.  
TUCKER, H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:185-52503:186.

- 9002060096 Forwards safety evaluation accepting changes in resolution of human engineering deficiencies resulting from DCDR.  
HOOD, D. Project Directorate II-3. 90/01/23. TUCKER, H.B. Duke Power Co. 2pp. 52555:128-52555:133.

- 9002060097 Safety evaluation accepting changes in resolution of human engineering deficiencies resulting from DCDR.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 4pp. 52555:130-52555:133.

- 9002010058 Requests approval to use Alloy 690 gpus as alternative to requirements of 10CFR55(a), codes & stds for plants prior to 900228.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.

- 9002060092 Advises that until 891101 response to Generic Ltr 88-20 re individual plant exams acceptable. Anticipates that addl analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/24. TUCKER, H.B. Duke Power Co. 3pp. 52559:176-52559:178.

- 9002070144 Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/ Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52586:702.

- 9002020203 Forwards application for NPDES permit for storm water discharge at plant.  
TUCKER, H.B. Duke Power Co. 90/01/25. WAKILD, C. North Carolina, State of. 6pp. 52539:279-52539:284.

- 9002060036 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.

- 9002120159 Forwards assignment & schedules for resolution of R Lodiardo concerns re differing prof opinion on 1984 proof & review version of proposed Tech Specs.  
THADANI, A.C. Division of Systems Technology (Post 890827). 90/01/26. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). VARGA, S.A. Division of Reactor Projects - I/II (Post 870411). 5pp. 52655:078-52655:082.

- 9002050362 Forwards summaries of latest ECCS evaluation model changes.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52547:255-52547:258.

- 9002120298 Advises of EPRI release of Mod 2 of VIPRE-01 computer code which util intends to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52626:349-52626:357.

- 9002120365 Forwards proprietary "Safety Analysis Physics Parameters & Multidimensional Reactor Transients Methodology." Three repts describing EPRI computer code also encl. Proprietary rept withheld (ref 10CFR2.790).  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 6pp. 52644:012-52644:320.

- 9002120368 "ARROTTA Validation & Verification - Std Benchmarks Set."  
\* S. Levy, Inc. 89/07/31. 55pp. 52644:018-52644:074.

- 9002120370 "ARROTTA-HERMITE Code Comparison," final rept.  
Combustion Engineering, Inc. EPRI NP-6614. 89/12/31. 110pp. 52644:075-52644:184.

- 9002120372 Draft "ARROTTA: Advanced Rapid Reactor Operational Transient Analysis Computer Code Documentation Package, Vol 1: Theory & Numerical Analysis."  
EISENHART, L.D. S. Levy, Inc. 86/04/30. 136pp. 52644:185-52644:320.

- 9002140192 Advises that 900117 license amend request to remove certain cycle-specific parameter limits from Tech Specs inadvertently utilized outdated Tech Specs pages. Requests that Tech Specs changes made via Amendments 101/83 be deleted.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52655:274-52655:276.

- 9002120009 Suppls 891006 proposed amend to Tech Spec 3/4.9.1, allowing greater flexibility in isolating reactor makeup water supply to RCS during refueling operations to allow makeup to refueling storage tank concurrent w/refueling operations.  
TUCKER, H.B. Duke Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52617:307-52617:310.

- 9002120012 Proposed Tech Specs re limiting condition for operation & surveillance requirements for boron concentration during refueling operations.  
\* Duke Power Co. 90/01/31. 2pp. 52617:309-52617:310.

- 9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

- 9002130031 Summary of 900116-17 interface meeting w/util at site re licensing & regulatory issues. List of attendees, handouts & agenda encl.  
WIENS, L.A. Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.

- 9002220322 Application for amendments to Licenses DPR-38, DPR-47, DPR-55, NPF-9, NPF-17, NPF-35 & NPF-52. Amendments involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER, H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.

## 114 DOCKETED ITEMS

- 9002220329 Proposed Tech Specs, relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 77pp. 52667:056-52667:132.

### Q. Inspection reports, IE Bulletins & correspondence

- 9001290278 Forwards assessment of ALARA improvements, in response to Insp Repts 50-369/89-28 & 50-370/89-28. Util presently establishing criteria for high dose rate jobs that will be reviewed by ALARA committee.  
TUCKER, H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 9pp. 52454:061-52454:069.

- 9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 90-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

- 9001310121 Forwards Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1989 & advises that comments re evaluation of performance of plant should be submitted within 30 days following date of meeting.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/19. TUCKER, H.B. Duke Power Co. 3pp. 52503:155-52503:184.

- 9001310129 Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1989.  
\* Region 2, Ofc of the Director. 90/01/19. 27pp. 52503:158-52503:184.

- 9001310295 Forwards Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Corrective actions re exercise weaknesses should be submitted within 45 days of ltr date.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/01/23. TUCKER, H.B. Duke Power Co. 3pp. 52504:056-52504:076.

- 9001310298 Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Weakness noted re lack of shift supervisor involvement in plant analysis. Major areas inspected: annual emergency exercise.  
GOODEN, A., RANKIN, W. Region 2, Ofc of the Director. 90/01/17. 18pp. 52504:059-52504:076.

- 9002080127 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedures for core reloading revised to include implementation of design engineering analyses.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

- 9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

- 9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

- 9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

- 9001250020 Suppl 2 to NRC Info Notice 89-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

- 9001260188 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

- 9001290102 Suppl 1 to NRC Info Notice 89-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

- 9002130143 Requests extension to 900209 for response to violations noted in Insp Repts 50-369/89-38 & 50-370/89-38.  
TUCKER, H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52646:162-52646:162.

- 9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

- 9002230377 Ack receipt of 900115 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-369/89-28 & 50-370/89-28.  
STOHR, J.P. Region 2, Ofc of the Director. 90/02/06. TUCKER, H.B. Duke Power Co. 2pp. 52716:293-52716:294.

- 9002140222 Responds to violations noted in Insp Repts 50-369/89-38 & 50-370/89-38. Corrective action: functional check of emergency boat added to PMPT program.  
TUCKER, H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52652:356-52652:360.

### R. Periodic operating reports & related correspondence

- 9001300212 Forwards monthly operating repts for Dec 1989 for McGuire Nuclear Station Units 1 & 2 & monthly operating status rept for Nov 1989 for McGuire Nuclear Station Units 1 & 2.  
TUCKER, H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52471:036-52471:047.

- 9001300239 Monthly operating repts for Dec 1989 for McGuire Nuclear Station Units 1 & 2.  
WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 89/12/31. 10pp. 52471:037-52471:046.

- 9001300243 Monthly operating status rept for Nov 1989 for McGuire Nuclear Station Units 1 & 2.  
\* Duke Power Co. 89/11/30. 1p. 52471:047-52471:047.

### S. Reportable occurrences, LERs & related correspondence

- 9001300406 LER 89-028-00: on 891204, self-initiated technical audit team personnel identified gap around control room ventilation air handling unit access door. Caused by possible const/ installation deficiency. Door sys modified. W/900122 ltr.  
SIPE, A., MCCONNELL, T.L. Duke Power Co. 90/01/21. 8pp. 52494:131-52494:138.

- 9002140045 LER 90-001-00: on 900108, reactor trip occurred due to clogged strainer on feedwater pump A speed controller. Caused by water in oil sys. Cause for water presence in sys unknown. Sludge minimization attempts pursued. W/900207 ltr.  
SIPE, A., MCCONNELL, T.L. Duke Power Co. 90/02/07. 14pp. 52654:055-52654:068.

### DOCKET 50-370 WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

- 9002060243 Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan." W/900131 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.

- 9002060249 Public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 273pp. 52561:011-52561:283.

- 9001310121 Forwards Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1989 & advises that comments re evaluation of performance of plant should be submitted within 30 days following date of meeting.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/19. TUCKER, H.B. Duke Power Co. 3pp. 52503:155-52503:184.

- 9001310129 Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1989.  
\* Region 2, Ofc of the Director. 90/01/19. 27pp. 52503:158-52503:184.

- 9001310295 Forwards Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Corrective actions re exercise weaknesses should be submitted within 45 days of ltr date.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/01/23. TUCKER, H.B. Duke Power Co. 3pp. 52504:056-52504:076.

- 9001310298 Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Weakness noted re lack of shift supervisor involvement in plant analysis. Major areas inspected: annual emergency exercise.  
GOODEN, A. Region 2, Ofc of the Director. 90/01/17. 18pp. 52504:059-52504:076.

- 9002070225 Ack receipt of 891218 transmittal of Rev 40 to station physical security plan. Submittal of corrected plan pages requested in order to maintain plan continuity.  
CLINE, W.E. Region 2, Ofc of the Director. 90/01/26. TUCKER, H.B. Duke Power Co. 3pp. 52593:031-52593:033.

- 9002220069 Forwards public version of EIPs, including Procedure RP/0/A/5700/04, "General Emergency," Rev 19 to Station Directive 3.8.1 & compliance manual, Section 13.2. W/900213 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52689:255-52689:320.

- 9002220072 Public version of EIPs, including RP/0/A/5700/04, "General Emergency," Rev 19 to Station Directive 3.8.1 & compliance manual, Section 13.2.  
MCCONNELL, T.L. Duke Power Co. 90/01/19. 67pp. 52689:257-52689:320.

- 9002140222 Responds to violations noted in Insp Repts 50-369/89-38 & 50-370/89-38. Corrective action: functional check of emergency boat added to PMPT program.  
TUCKER, H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52652:356-52652:360.

### P. Operating license stage documents & correspondence

- 9002010217 Forwards safety evaluation concluding that procedures generation package for upgrading emergency operating procedures needs to be improved to address programmatic improvements, per Generic Ltr 82-33 & NUREG-0737, Suppl 1.  
HOOD, D. Project Directorate II-3. 90/01/19. TUCKER, H.B. Duke Power Co. 10pp. 52532:001-52532:010.

- 9001290152 Requests that until 890216 request for relief from ASME Section XI hydrostatic testing requirements for mods on nuclear svc water sys be extended to include Mods MG-12243 & MG-22243. Inadequate boundaries make testing impractical.  
TUCKER, H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 6pp. 52469:124-52469:150.

- 9001310209 Forwards proprietary Rev 1 to DPC-NE-2001, "Fuel Mechanical Reload Analysis Methodology for MARK-BW Fuel," adding section re ECCS analysis interface criteria & making associated administrative changes. Rev withheld.  
TUCKER, H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:185-52503:186.

- 9002060096 Forwards safety evaluation accepting changes in resolution of human engineering deficiencies resulting from DCRDR.  
HOOD, D. Project Directorate II-3. 90/01/23. TUCKER, H.B. Duke Power Co. 2pp. 52555:128-52555:133.

- 9002060097 Safety evaluation accepting changes in resolution of human engineering deficiencies resulting from DCRDR.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 4pp. 52555:130-52555:133.

9002010058 Requests approval to use Alloy 690 plugs as alternative to requirements of 10CFR55(a), codes & stds for plants prior to 900226.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.

9002060092 Advises that until 891101 response to Generic Ltr 88-20 re individual plant exams acceptable. Anticipates that add analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS, D.B. Project Directorate II-3. 90/01/24. TUCKER, H.B. Duke Power Co. 3pp. 52559:176-52559:178.

9002070144 Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52587:012.

9002020203 Forwards application for NPDES permit for storm water discharge at plant.  
TUCKER, H.B. Duke Power Co. 90/01/25. WAKILD, C. North Carolina, State of. 6pp. 52539:279-52539:284.

9002060038 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.

9002120159 Forwards assignment & schedules for resolution of R Liciardo concerns re differing prof opinion on 1984 proof & review version of proposed Tech Specs.  
THADANI, A.C. Division of Systems Technology (Post 890827). 90/01/26. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). VARGA, S.A. Division of Reactor Projects - I/II (Post 870411). 5pp. 52655:078-52655:082.

9002050362 Forwards summaries of latest ECCS evaluation model changes.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52547:255-52547:258.

9002120298 Advises of EPRI release of Mod 2 of VIPRE-01 computer code which util intends to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52626:349-52626:357.

9002120365 Forwards proprietary "Safety Analysis Physics Parameters & Multidimensional Reactor Transients Methodology." Three repts describing EPRI computer code also encl. Proprietary rept withheld (ref 10CFR2.790).  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 6pp. 52644:012-52644:320.

9002140192 Advises that 900117 license amend request to remove certain cycle-specific parameter limits from Tech Specs inadvertently utilized outdated Tech Specs pages. Requests that Tech Specs changes made via Amends 101/83 be deleted.  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52655:274-52655:276.

9002120016 Suppls 891006 proposed amend to Tech Spec 3/4.9.1, allowing greater flexibility in isolating reactor makeup water supply to RCS during refueling operations to allow makeup to refueling storage tank concurrent w/refueling operations.  
TUCKER, H.B. Duke Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52617:307-52617:310.

9002120012 Proposed Tech Specs re limiting condition for operation & surveillance requirements for boron concentration during refueling operations.  
\* Duke Power Co. 90/01/31. 2pp. 52617:309-52617:310.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130031 Summary of 900116-17 interface meeting w/util at site re licensing & regulatory issues. List of attendees, handouts & agenda encl.  
WIENS, L.A. Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.

9002220322 Application for amends to Licenses DPR-38, DPR-47, DPR-55, NPF-9, NPF-17, NPF-35 & NPF-52. Amends involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER, H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.

9002220329 Proposed Tech Specs, relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 7pp. 52667:056-52667:132.

#### G. Inspection reports, IE Bulletins & correspondence

9001290278 Forwards assessment of ALARA improvements in response to Insp Repts 50-369/89-28 & 50-370/89-28. Util presently establishing criteria for high dose rate jobs that will be reviewed by ALARA committee.  
TUCKER, H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 9pp. 52454:061-52454:069.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310121 Forwards Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1989 & advises that comments re evaluation of performance of plant should be submitted within 30 days following date of meeting.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/19. TUCKER, H.B. Duke Power Co. 3pp. 52503:155-52503:184.

9001310129 Interim SALP Board Repts 50-369/89-34 & 50-370/89-34 for Aug 1988 - Oct 1989.  
\* Region 2, Ofc of the Director. 90/01/19. 27pp. 52503:158-52503:184.

9001310295 Forwards Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Corrective actions re exercise weaknesses should be submitted within 45 days of ltr date.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/01/23. TUCKER, H.B. Duke Power Co. 3pp. 52504:056-52504:076.

9001310298 Insp Repts 50-369/89-39 & 50-370/89-39 on 891205-08. No violations or deviations noted. Weakness noted re lack of shift supervisor involvement in plant analysis. Major areas inspected: annual emergency exercise.  
GOODEN, A., RANKIN, W. Region 2, Ofc of the Director. 90/01/17. 18pp. 52504:059-52504:076.

9002080127 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedure for core reloading revised to include implementation of design engineering analyses.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002130143 Requests extension to 900209 for response to violations noted in Insp Repts 50-369/89-38 & 50-370/89-38.  
TUCKER, H.B. Duke Power Co. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52646:162-52646:162.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002230377 Ack receipt of 900115 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-369/89-28 & 50-370/89-28.  
STOHR, J.P. Region 2, Ofc of the Director. 90/02/06. TUCKER, H.B. Duke Power Co. 2pp. 52716:293-52716:294.

9002140222 Responds to violations noted in Insp Repts 50-369/89-38 & 50-370/89-38. Corrective action: functional check of emergency boat added to PMPT program.  
TUCKER, H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52652:356-52652:360.

#### R. Periodic operating reports & related correspondence

9001300212 Forwards monthly operating repts for Dec 1989 for McGuire Nuclear Station Units 1 & 2 & monthly operating status rept for Nov 1989 for McGuire Nuclear Station Units 1 & 2.  
TUCKER, H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52471:036-52471:047.

9001300239 Monthly operating repts for Dec 1989 for McGuire Nuclear Station Units 1 & 2.  
WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 89/12/31. 10pp. 52471:037-52471:046.

9001300243 Monthly operating status rept for Nov 1989 for McGuire Nuclear Station Units 1 & 2.  
\* Duke Power Co. 89/11/30. 1p. 52471:047-52471:047.

#### S. Reportable occurrences, LERs & related correspondence

9002230172 LER 89-014-00: on 891215, discovered that diesel generator 2A & 2B sump pump discharge valve to turbine bldg sump closed & no discharge path available. Caused by inappropriate action. Valves locked open & procedures revised. W/900216 ltr.  
SIPE, A., MCCONNELL, T.L. Duke Power Co. 90/02/16. 6pp. 52713:021-52713:026.

#### DOCKET 50-373 LASALLE COUNTY STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations."  
CARSON, R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director."  
CARSON, R. Commonwealth Edison Co. 89/12/18. 14pp. 52569:051-52569:064.



## 116 DOCKETED ITEMS

**9001290193** Forwards revised page to Insp Repts 50-373/89-21 & 50-374/89-21, replacing page sent w/rept that required protection (ref 10CFR73.21). Original page should be destroyed or returned to NRC.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52453:271-52453:273.

**-9001290210** Replacement page to Insp Repts 50-373/89-21 & 50-374/89-21 re training & security. No violations or deviations noted.  
\* Region 3, Ofc of the Director. 90/01/04. 1p. 52453:273-52453:273.

**9001300138** Forwards Safeguards Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 & allegation review. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 3pp. 52471:341-52471:344.

**-9001300144** Partially withheld Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 (ref 10CFR73.21(c)(2)). Weakness noted. Major areas inspected: mgt support, protected & vital area barriers, access control-personnel & alarm stations & communications.  
CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director. 90/01/04. 1p. 52471:344-52471:344.

**9001300194** Advises that Rev 32 to "LaSalle Nuclear Power Station Security Plan," transmitted by 891222 ltr consistent w/ provisions of 10CFR50.54(p) & acceptable.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52471:345-52471:346.

**9002010011** Revised emergency procedures, consisting of Rev 14 to L2P-1110-1, Rev 9 to L2P-1200-1 & Rev 17 to L2P-1310-1.  
\* Commonwealth Edison Co. 90/01/10. 83pp. 52522:108-52522:190.

**9001300157** Forwards details of AMS Allegation R111-89-A-0120 re security activities at station, for info. Allegation does not provide sufficient bases to indicate potential safety concern exists. Encl withheld (ref 10CFR2.790(a)).  
NOELIUS, C.E. Region 3, Ofc of the Director. 90/01/20. REED, C. Commonwealth Edison Co. 2pp. 52475:012-52475:013.

**9002150089** Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

**9002220284** Forwards Safety Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted, but no notice will be issued.  
SHAFFER, W.D. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52690:028-52690:048.

**-9002220289** Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted. Major areas inspected: operational safety, surveillance, maint, LERs, ESF sys walkdown, training, security, rept review, emergency preparedness & IDNS site insp.  
HINDS, J.M. Region 3, Ofc of the Director. 90/02/06. 19pp. 52690:030-52690:048.

**9002220300** Forwards FEMA 891221 ltr transmitting findings for offsite emergency preparedness aspects of 881207 remedial exercise & 890124 unannounced drill. No new deficiencies noted. Offsite radiological emergency preparedness adequate.  
GREGER, L.R. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52689:001-52689:012.

**9002230450** Advises of NRC conclusion that failure to provide electrical supervision for local fire alarm circuit remains in violation, per Insp Repts 50-373/86-04 & 50-374/86-04.  
MILLER, H.J. Region 3, Ofc of the Director. 90/02/14. REED, C. Commonwealth Edison Co. 3pp. 52716:001-52716:003.

### P. Operating license stage documents & correspondence

**9002160066** Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI, P.C. Project Directorate III-2. 89/11/24. KOVACH, T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

**9001310430** Forwards Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively & safety evaluation. Amends revise Tech Spec 3/4 4.6 re pressure-temp limits of RCS in order to comply w/ Generic Ltr 88-11 & Reg Guide 1.99, Rev 2.  
SHEMANSKI, P.C. Project Directorate III-2. 90/01/16. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52514:208-52514:235.

**-9001310440** Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively, revising Tech Spec 3/4 4.6 re pressure-temp limits of RCS in order to comply w/ Generic Ltr 88-11 & Reg Guide 1.99, Rev 2.  
CRAIG, J.W. Project Directorate III-2. 90/01/16. 20pp. 52514:211-52514:230.

**-9001310448** Safety evaluation supporting Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/16. 5pp. 52514:231-52514:235.

**9001310510** Forwards SER concluding that SPDS Validyne CM-249 isolators properly tested & acceptable for use in SPDS.  
SHEMANSKI, P.C. Project Directorate III-2. 90/01/24. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52530:345-52530:349.

**-9002010016** SER concluding that Validyne CM-249 isolation devices in use at facilities acceptable for interfacing SPDS w/ Class 1E safety sys.  
\* NRC - No Detailed Affiliation Given. 90/01/24. 2pp. 52530:348-52530:349.

**9002060389** Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/ 10CFR50, App A, GDC 44.45 & 46 & App B, Section XI.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:083.

**9002220170** Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/ provisions of 10CFR50, App B & acceptable.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

### Q. Inspection reports, IE Bulletins & correspondence

**9001290193** Forwards revised page to Insp Repts 50-373/89-21 & 50-374/89-21, replacing page sent w/rept that required protection (ref 10CFR73.21). Original page should be destroyed or returned to NRC.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52453:271-52453:273.

**-9001290210** Replacement page to Insp Repts 50-373/89-21 & 50-374/89-21 re training & security. No violations or deviations noted.  
\* Region 3, Ofc of the Director. 90/01/04. 1p. 52453:273-52453:273.

**9001300138** Forwards Safeguards Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 & allegation review. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 3pp. 52471:341-52471:344.

**-9001300144** Partially withheld Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 (ref 10CFR73.21(c)(2)). Weakness noted. Major areas inspected: mgt support, protected & vital area barriers, access control-personnel & alarm stations & communications.  
CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director. 90/01/04. 1p. 52471:344-52471:344.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licenses." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

**9002220284** Forwards Safety Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted, but no notice will be issued.  
SHAFFER, W.D. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52690:028-52690:048.

**-9002220289** Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted. Major areas inspected: operational safety, surveillance, maint, LERs, ESF sys walkdown, training, security, rept review, emergency preparedness & IDNS site insp.  
HINDS, J.M. Region 3, Ofc of the Director. 90/02/06. 19pp. 52690:030-52690:048.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002230450** Advises of NRC conclusion that failure to provide electrical supervision for local fire alarm circuit remains in violation, per Insp Repts 50-373/86-04 & 50-374/86-04.  
MILLER, H.J. Region 3, Ofc of the Director. 90/02/14. REED, C. Commonwealth Edison Co. 3pp. 52716:001-52716:003.

### R. Periodic operating reports & related correspondence

**9002230092** "Annual Rept for 1989." W/900129 ltr.  
DIEDERICH, G.J. Commonwealth Edison Co. 89/12/31. 5pp. 52715:346-52715:350.

### S. Reportable occurrences, LERs & related correspondence

**9002230049** LER 89-010-01 on 890303, automatic depressurization sys permissive switch found w/setpoint in excess of reject limit. Caused by setpoint drift. All Static-O-Ring reactor vessel level switches will be replaced. W/900214 ltr.  
JACKLIN, N., DIEDERICH, G.J. Commonwealth Edison Co. 90/02/14. 6pp. 52713:010-52713:015.



9002230055 LER 89-008-01: on 890228, reactor vessel low water Level 2 switch found w/setpoint in excess of reject limit. Caused by setpoint drift. Channel placed in tripped condition & all Static-O-Ring pressure switches to be replaced. W/900214 ltr. JACKLIN, N.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/02/14. 6pp. 52713:185-52713:190.

#### DOCKET 50-374 LASALLE COUNTY STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations." CARSON, R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director." CARSON, R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9001290193 Forwards revised page to Insp Repts 50-373/89-21 & 50-374/89-21, replacing page sent w/rept that required protection (ref 10CFR73.21). Original page should be destroyed or returned to NRC. GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52453:271-52453:273.

-9001290210 Replacement page to Insp Repts 50-373/89-21 & 50-374/89-21 re training & security. No violations or deviations noted. \* Region 3, Ofc of the Director. 90/01/04. 1p. 52453:273-52453:273.

9001300138 Forwards Safeguards Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 & allegation review. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 3pp. 52471:341-52471:344.

-9001300144 Partially withheld Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 (ref 10CFR73.21(c)(2)). Weakness noted. Major areas inspected: mgt support, protected & vital area barriers, access control-personnel & alarm stations & communications. CHRISTOFFER, G. Region 3, Ofc of the Director. 90/01/04. 1p. 52471:344-52471:344.

9001300194 Advises that Rev 32 to "LaSalle Nuclear Power Station Security Plan," transmitted by 891222 ltr consistent w/ provisions of 10CFR50.54(p) & acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52471:345-52471:346.

9002010011 Revised emergency procedures, consisting of Rev 14 to LZF-1110-1, Rev 9 to LZF-1200-1 & Rev 17 to LZF-1310-1. \* Commonwealth Edison Co. 90/01/10. 83pp. 52522:108-52522:190.

9001300157 Forwards details of AMS Allegation RIII-89-A-0120 re security activities at station, for info. Allegation does not provide sufficient bases to indicate potential safety concern exists. Encl withheld (ref 10CFR2.790(a)). NORELIUS, C.E. Region 3, Ofc of the Director. 90/01/20. REED, C. Commonwealth Edison Co. 2pp. 52475:012-52475:013.

9002150089 Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps. \* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

9002220284 Forwards Safety Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted, but no notice will be issued. SHAFFER, W.D. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52690:028-52690:048.

-9002220289 Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted. Major areas inspected: operational safety, surveillance, maint, LERs, ESF sys walkdown, training, security, rept review, emergency preparedness & IDNS site insp. HINDS, J.M. Region 3, Ofc of the Director. 90/02/06. 19pp. 52690:030-52690:048.

9002220300 Forwards FEMA 891221 ltr transmitting findings for offsite emergency preparedness aspects of 881207 remedial exercise & 890124 unannounced drill. No new deficiencies noted. Offsite radiological emergency preparedness adequate. GREGER, L.R. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52689:001-52689:012.

9002230450 Advises of NRC conclusion that failure to provide electrical supervision for local fire alarm circuit remains in violation, per Insp Repts 50-373/86-04 & 50-374/86-04. MILLER, H.J. Region 3, Ofc of the Director. 90/02/14. REED, C. Commonwealth Edison Co. 3pp. 52716:001-52716:003.

##### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr. SHEMANSKI, P.C. Project Directorate III-2. 89/11/24. KOVACH, T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

9001310430 Forwards Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively & safety evaluation. Amends revise Tech Spec 3/4.4.6 re pressure-temp limits of RCS in order to comply w/ Generic Ltr 88-11 & Reg Guide 1.99, Rev 2. SHEMANSKI, P.C. Project Directorate III-2. 90/01/16. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52514:208-52514:235.

-9001310440 Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively, revising Tech Spec 3/4.4.6 re pressure-temp limits of RCS in order to comply w/ Generic Ltr 88-11 & Reg Guide 1.99, Rev 2. CRAIG, J.W. Project Directorate III-2. 90/01/16. 20pp. 52514:211-52514:230.

-9001310448 Safety evaluation supporting Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/16. 5pp. 52514:231-52514:235.

9001310510 Forwards SER concluding that SPDS Validyne CM-249 isolators properly tested & acceptable for use in SPDS. SHEMANSKI, P.C. Project Directorate III-2. 90/01/24. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52530:345-52530:349.

-9002010016 SER concluding that Validyne CM-249 isolation devices in use at facilities acceptable for interfacing SPDS w/Class 1E safety sys. \* NRC - No Detailed Affiliation Given. 90/01/24. 2pp. 52530:348-52530:349.

9002010084 Advises that info provided in util 891211 ltr for NRC approval of previously submitted K-infinity criticality approach acceptable. Storage of new high enriched fuel designs in Unit 2 fuel racks allowed. SHEMANSKI, P.C. Project Directorate III-2. 90/01/24. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52532:078-52532:080.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44.45 & 46 & App B, Section XI. RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

##### Q. Inspection reports, IE Bulletins & correspondence

9001290193 Forwards revised page to Insp Repts 50-373/89-21 & 50-374/89-21, replacing page sent w/rept that required protection (ref 10CFR73.21). Original page should be destroyed or returned to NRC. GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52453:271-52453:273.

-9001290210 Replacement page to Insp Repts 50-373/89-21 & 50-374/89-21 re training & security. No violations or deviations noted. \* Region 3, Ofc of the Director. 90/01/04. 1p. 52453:273-52453:273.

9001300138 Forwards Safeguards Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 & allegation review. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 3pp. 52471:341-52471:344.

-9001300144 Partially withheld Insp Repts 50-373/89-25 & 50-374/89-24 on 891204-18 (ref 10CFR73.21(c)(2)). Weakness noted. Major areas inspected: mgt support, protected & vital area barriers, access control-personnel & alarm stations & communications. CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director. 90/01/04. 1p. 52471:344-52471:344.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

9002220284 Forwards Safety Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted, but no notice will be issued. SHAFFER, W.D. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52690:028-52690:048.

-9002220289 Insp Repts 50-373/89-26 & 50-374/89-25 on 891208-900116. Violation noted. Major areas inspected: operational safety, surveillance, maint, LERs, ESF sys walkdown, training, security, rept review, emergency preparedness & IDNS site insp. HINDS, J.M. Region 3, Ofc of the Director. 90/02/06. 19pp. 52690:030-52690:048.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

## 118 DOCKETED ITEMS

—8807270182 Requests that appropriate project manager contact identified until & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

9002230450 Advises of NRC conclusion that failure to provide electrical supervision for local fire alarm circuit remains in violation, per Insp Repts 50-373/86-04 & 50-374/86-04.  
MILLER,H.J. Region 3, Ofc of the Director. 90/02/14. REED,C. Commonwealth Edison Co. 3pp. 52716:001-52716:003.

### R. Periodic operating reports & related correspondence

9002230092 "Annual Rept for 1989." W/900129 ltr.  
DIEDERICH,G.J. Commonwealth Edison Co. 89/12/31. 5pp. 52715:346-52715:350.

### S. Reportable occurrences, LERs & related correspondence

9002230180 LER 89-009-01: on 890619, diaphragm leak discovered in RCIC steam line high flow isolation switch. Caused by 1 & 1/2-inch tear in diaphragm. Pressure differential switch replaced & calibr. Reported per NRC Bulletin 86-002.W/900214 ltr.  
TENNYSON,M., DIEDERICH,G.J. Commonwealth Edison Co. 90/02/14. 5pp. 52713:056-52713:060.

9002230185 LER 89-010-01: on 890715 & 17, voltage oscillations noted on Div II battery charger, resulting in inoperability of HPCS sys. Caused by failure of charger in high voltage shutdown relay. Charger energized & relay replaced.W/900215 ltr.  
VINYARD,H.T., DIEDERICH,G.J. Commonwealth Edison Co. 90/02/15. 6pp. 52713:033-52713:038.

## DOCKET 50-382 WATERFORD GENERATING STATION, UNIT 3

### F. Security, medical, emergency & fire protection plans

9002150253 Discusses Investigation Rept 4-89-002 & forwards notice of violation. Violation B re QC insp of fire seal repair work reclassified as Severity Level IV & no civil penalty proposed.  
MARTIN,R.D. Region 4, Ofc of the Director. 90/02/08. DEWEASE,J.G. Louisiana Power & Light Co. 4pp. 52656:240-52656:245.

—9002150256 Notice of violation from Investigation completed in Sept 1989. Violations noted: Maint Work Procedure ME-13-100, "Fire Barrier Installation & Rework," found deficient & not promptly corrected.  
\* Region 4, Ofc of the Director. 90/02/08. 2pp. 52656:244-52656:245.

### P. Operating license stage documents & correspondence

9002020109 Informs that photographic surveys discontinued, per basemat monitoring program. Monitoring program implementing procedure will be revised to reflect change.  
BURSKI,R.F. Louisiana Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52540:119-52540:119.

9002060409 Forwards response to Generic Ltr 89-13 re safety-related open svc water sys. Instruments in place on component cooling water sys/auxiliary component cooling water sys HXs which connect to plant monitor computer.  
BURSKI,R.F. Louisiana Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52558:049-52558:058.

9002070307 Advises that Rev 3 to QA program description, submitted by 891214 ltr, meet requirements of 10CFR50, App B & acceptable.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/29. DEWEASE,J.G. Louisiana Power & Light Co. 3pp. 52587:240-52587:242.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220557 Requests that util ref Generic Ltr 89-13 & TAC 74081 in 900129 response to generic ltr re svc water sys.  
HEBDON,F.J. Project Directorate IV. 90/02/09. DEWEASE,J.G. Louisiana Power & Light Co. 1p. 52663:158-52663:158.

9002220356 Application for amend to License NPF-38, consisting of Change Request NPF-38-107, revising Tech Spec 4.5.2.f to refine min acceptance criteria for HPSI pump surveillance requirements.  
DEWEASE,J.G. Louisiana Power & Light Co. 90/02/12. Document Control Branch (Document Control Desk). 8pp. 52696:221-52696:233.

—9002220364 Proposed Tech Specs, refining min acceptance criteria for HPSI pump surveillance requirements.  
\* Louisiana Power & Light Co. 90/02/12. 5pp. 52696:229-52696:233.

### Q. Inspection reports, IE Bulletins & correspondence

9002140034 Discusses insp of Ebasco procurement activities at facility. Involved Ebasco personnel will be trained on requirements prior to initiation of any new safety-related purchase orders as required by quality program manual.  
HEALY,C.R. Ebasco Services, Inc. (subs. of Enserch Corp.). 89/10/20. BRACH,E.W. Vendor Inspection Branch. 3pp. 52653:239-52653:241.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300019 Forwards Insp Rept 50-382/89-41 on 891201-31 & notice of violation.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/22. DEWEASE,J.G. Louisiana Power & Light Co. 3pp. 52490:046-52490:057.

—9001300021 Notice of violation from insp on 891201-31. Violation noted: on 891226, maint technician charged MSIV A operator w/ nitrogen per Work Authorization 01051422 w/o independent verification being performed.  
\* Region 4, Ofc of the Director. 90/01/22. 1p. 52490:049-52490:049.

—9001300023 Insp Rept 50-382/89-41 on 891201-31. Violation noted. Major areas inspected: plant status, onsite followup of events, monthly maint & surveillance observation, operational safety verification & fitness-for-duty training.  
CHAMBERLAIN,D. Region 4, Ofc of the Director. 90/01/19. 8pp. 52490:050-52490:057.

9002090045 EN-89-065A: on 900202, order imposing civil penalty in amount of \$50,000 will be issued. Staff conclusion that violation occurred as stated & that reduction of severity level or mitigation of civil penalty inappropriate noted.  
LUEHMAN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/01/26. 1p. 52599:052-52599:052.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002060413 Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Instructions for determining acceptable refueling boron concentration provided in Procedure RF-005-001.  
BURSKI,R.F. Louisiana Power & Light Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52558:059-52558:061.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002060417 Requests extension of commitment dates in response to violations noted in Insp Repts 50-382/89-17 & 50-382/89-22 to 900222 & 19, respectively. Violations covered use of duplex strainers & missing seismic support for cabinet.  
BURSKI,R.F. Louisiana Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52558:046-52558:046.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9002060305 Ack receipt of 900117 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-382/89-37.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/31. DEWEASE,J.G. Louisiana Power & Light Co. 3pp. 52555:271-52555:277.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002070465 Ack receipt of 891120 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-382/89-28.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/01. DEWEASE,J.G. Louisiana Power & Light Co. 3pp. 52570:084-52570:087.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002120058 Responds to SALP rept for Aug 1988 - Oct 1989. Contrary to info contained in SALP rept, civil penalty not assessed by State of NV for radioactive matl transport violations. Issue resolved w/State of NV w/o issuance of civil penalty.  
DEWEASE,J.G. Louisiana Power & Light Co. 90/02/02. Document Control Branch (Document Control Desk). 6pp. 52617:065-52617:110.

9002150131 Forwards order imposing civil penalty in amount of \$50,000 re failure to test plant HPSI pumps in accordance w/ applicable requirements. Violation occurred as stated in notice & proposed civil penalty should be imposed by order.  
THOMPSON,H.L. Dep Exec Dir for Nuc Matls Safety, Safeguards & Operations Support (Post 890205). 90/02/02. DEWEASE,J.G. Louisiana Power & Light Co. 3pp. 52675:247-52675:259.

—9002150133 Order imposing civil monetary penalty in amount of \$50,000 for violations noted during insp on 890308-09. Evaluations & conclusions encl.  
THOMPSON,H.L. Dep Exec Dir for Nuc Matls Safety, Safeguards & Operations Support (Post 890205). 90/02/02. Louisiana Power & Light Co. 10pp. 52675:250-52675:259.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

9002140042 Forwards order imposing civil monetary penalty issued to util on 900202 for transmittal to Ofc of FR.W/o encl.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/02/07. LESAR,M.T. Regulatory Publications Branch. 1p. 52653:171-52653:171.

9002150253 Discusses Investigation Rept 4-89-002 & forwards notice of violation. Violation B re QC insp of fire seal repair work reclassified as Severity Level IV & no civil penalty proposed.  
MARTIN,R.D. Region 4, Ofc of the Director. 90/02/08. DEWEASE,J.G. Louisiana Power & Light Co. 4pp. 52656:240-52656:245.

-9002150256 Notice of violation from investigation completed in Sept 1989. Violations noted: Maint Work Procedure ME-13-100, "Fire Barrier Installation & Rework," found deficient & not promptly corrected.  
\* Region 4, Ofc of the Director. 90/02/08. 2pp. 52656:244-52656:245.

9002220584 Ack receipt of 900119 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-382/89-39. NRC inspectors unaware that addl info necessary to resolve open item re appropriate equipment file.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/12. DEWEASE, J.G. Louisiana Power & Light Co. 3pp. 52678:259-52678:264.

#### S. Reportable occurrences, LERs & related correspondence

9002050283 PNO-IV-90-004: on 900123, plant shut down to Mode 3 conditions to investigate failure of control element drive motor cooling fan Motors B & D. Plant startup planned for 900125.  
CHAMBERLAIN, D. Region 4, Ofc of the Director. 90/01/23. 1p. 52547:168-52547:168.

#### V. Operator Examinations

9001290186 Advises that administration of generic fundamentals exam section of written OL exam will conform to stated registration & exam process guidelines to be included in next rev of NUREG-1021, "NRC Operator Licensing...."  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/09. DEWEASE, J.G. Louisiana Power & Light Co. 5pp. 52473:001-52473:005.

9001300077 Forwards list of individuals that no longer require reactor operator licenses at plant.  
BURSKI, R.F. Louisiana Power & Light Co. 90/01/22. MARTIN, R.D. Region 4, Ofc of the Director. 2pp. 52489:193-52489:194.

9002130256 Provides info re generic fundamentals exam section of operator licensing written exam to be administered on 900207. Map of area, list of lodging & preliminary instructions encl.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. DEWEASE, J.G. Louisiana Power & Light Co. 4pp. 52647:246-52647:249.

#### DOCKET 50-387 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002060005 Forwards Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/01/23. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52559:261-52559:273.

-9002060006 Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. Violations noted. Major areas inspected: review of licensee actions in response to contractor employee allegation re noncompliance w/ penetration fire seal requirements.  
MATHEW, R.K., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/19. 11pp. 52559:263-52559:273.

9002020202 Forwards preliminary scope & schedule for security upgrade project. Encl withheld (ref 10CFR73.21).  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/25. VARGA, S.A. Division of Reactor Projects - I/II (Post 870411). 1p. 52559:001-52559:001.

9002120079 Revised EPIPs, including Rev 6 to EP-IP-029, Rev 5 to EP-IP-31 & Rev 9 to EP-IP-033. W/900126 ltr.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/26. 43pp. 52617:111-52617:154.

9002090064 Forwards Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1989. Performance in engineering support improved & continued strong performance noted in area of security/safeguards.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/01/31. KEISER, H. Pennsylvania Power & Light Co. 3pp. 52607:229-52607:310.

-9002090065 Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1989. Category 1 assigned in areas of plant operations, maint/surveillance, emergency preparedness, security/safeguards & refueling & outage mgt.  
\* Region 1, Ofc of the Director. 90/01/31. 38pp. 52607:232-52607:310.

#### H. General correspondence

9002150249 Informs that RG Byram promoted to position of vice president of nuclear operations. Byram should be added to svc list.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/07. BUTLER, W.R. Project Directorate I-2. 1p. 52656:183-52656:183.

9002160022 Informs of recent organizational changes within util. RG Byram promoted to position of vice president for nuclear operations & HG Stanley promoted to position of superintendent of plant.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/07. RUSSELL, W.T. Region 1, Ofc of the Director. 1p. 52679:097-52679:097.

#### J. Insurance & indemnity information

9002120006 Forwards Endorsement 51 to NELIA Policy NF-262, Endorsement 34 to MAELU Policy 107, Endorsements 6 to NELIA Policy NW-157 & MAELU Policy MW-77, Endorsement 23 to NELIA Policy NS-422 & Endorsement 11 to MAELU Certificate M-84.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/01. SALTZMAN, J. NRC - No Detailed Affiliation Given. 11pp. 52617:282-52617:292.

#### P. Operating license stage documents & correspondence

9001300042 Forwards Topical Rept PL-NF-89-005, "Qualification of Transient Analysis Methods for BWR Design & Analysis," for review & approval. Approval needed to support license amend prior to Unit 2 Cycle 5 startup scheduled for 910510.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/22. BUTLER, W.R. Project Directorate I-2. 2pp. 52530:001-52530:276.

-9001300047 "Qualification of Transient Analysis Methods for BWR Design & Analysis."  
EMMETT, J.H., KULICK, J.M., DODGE, C.E. Pennsylvania Power & Light Co. PL-NF-89-005 R00. 89/12/21. 143pp. 52530:003-52530:276.

9002010168 Forwards application for Proposed Amends 127 & 79 to Licenses NPF-14 & NPF-22, respectively. Amends change Tech Specs to delete isolation function of differential temp sensing sys & eliminate delta-T instrumentation.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/26. BUTLER, W.R. Project Directorate I-2. 5pp. 52515:205-52515:252.

-9002010172 Application for Proposed Amends 127 & 79 to Licenses NPF-14 & NPF-22, respectively, deleting isolation function of differential temp sensing sys & eliminating delta-T instrumentation in Tech Specs.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/26. 10pp. 52515:211-52515:220.

-9002010174 Proposed Tech Specs re isolation actuation instrumentation, instrumentation setpoints & surveillance requirements.  
\* Pennsylvania Power & Light Co. 90/01/26. 32pp. 52515:221-52515:252.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120325 Forwards schedules that provide details of tasks required to complete activities re diesel generators & advises of plan to have spare parts on site in timely manner to support each diesel insp.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/02. BUTLER, W.R. Project Directorate I-2. 16pp. 52624:090-52624:106.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002070123 Responds to violations noted in Insp Repts 50-387/89-80 & 50-388/89-80 & cited in Enforcement Action EA-89-208. Corrective actions: licensed operator requalification program revised to remove operator following failure to pass exam.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/22. HODGES, M.W. Region 1, Ofc of the Director. 3pp. 52570:029-52570:031.

9002060005 Forwards Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/01/23. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52559:261-52559:273.

-9002060006 Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. Violations noted. Major areas inspected: review of licensee actions in response to contractor employee allegation re noncompliance w/ penetration fire seal requirements.  
MATHEW, R.K., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/19. 11pp. 52559:263-52559:273.

9002070255 Forwards Mgt Meeting Repts 50-387/89-37 & 50-388/89-36 on 891219. Util plans to submit formal rept to NRC by 900108.  
DURR, J.P. Region 1, Ofc of the Director. 90/01/24. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52570:090-52570:186.

-9002070259 Meeting Repts 50-387/89-37 & 50-388/89-36 on 891219. Major areas discussed: preliminary root cause findings for recent emergency diesel generator crankcase explosions at plant along w/ possible corrective actions to prevent recurrence.  
WOODARD, C., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/19. 85pp. 52570:092-52570:186.

9002070220 Confirms dates of 900205-09 for Reg Guide 1.97 insp at plant. Mgt entrance meeting scheduled on 900205 & mgt exit meeting tentatively scheduled for 900209.  
DURR, J.P. Region 1, Ofc of the Director. 90/01/26. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52604:277-52604:278.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002120320 Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valves or Valves of Similar Design." Valves not in use at plant.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/30. RUSSELL, W.T. Region 1, Ofc of the Director. 2pp. 52627:187-52627:188.

## 120 DOCKETED ITEMS

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002090064 Forwards Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1989. Performance in engineering support improved & continued strong performance noted in area of security/safeguards.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/01/31. KEISER,H. Pennsylvania Power & Light Co. 3pp. 52607:229-52607:310.

-9002090065 Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1989. Category 1 assigned in areas of plant operations, maint/surveillance, emergency preparedness, security/safeguards & refueling & outage mgt.  
\* Region 1, Ofc of the Director. 90/01/31. 38pp. 52607:232-52607:310.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002120325 Forwards schedules that provide details of tasks required to complete activities re diesel generators & advises of plan to have spare parts on site in timely manner to support each diesel insp.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/02. BUTLER,W.R. Project Directorate I-2. 16pp. 52624:090-52624:106.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Mattis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002160137 Responds to NRC 900105 ltr re violations noted in Insp Repts 50-387/89-33 & 50-388/89-31. Corrective actions: RHR svc water pump 2P506B remains in inoperable status until cause of deviation determined & condition corrected.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/05. GALLO,R.M. Region 1, Ofc of the Director. 4pp. 52658:141-52658:144.

### R. Periodic operating reports & related correspondence

9002070168 Forwards NPDES discharge monitoring rept for Dec 1989 & State of PA, Dept of Environ Resources monthly facility rept Form (01-112). Noncompliances for zinc on cooling tower blowdown on 891228 & for missed sample noted.  
FIELDS,J.S. Pennsylvania Power & Light Co. 90/01/25. BREZINSKI,R. Pennsylvania, Commonwealth of. 2pp. 52587:049-52587:063.

-9002070265 "NPDES Discharge Monitoring Rept" for Dec 1989. "State of PA, Dept of Environ Resources Monthly Facility Rept" encl.  
\* Pennsylvania Power & Light Co. 89/12/31. 13pp. 52587:051-52587:063.

### S. Reportable occurrences, LERs & related correspondence

9002120242 Forwards request for addl info re diesel generator crankcase explosion events at plant, per 900130 telcon.  
THADANI,M.C. Project Directorate I-2. 90/01/31. KEISER,H.W. Pennsylvania Power & Light Co. 4pp. 52627:129-52627:132.

9002070237 Notification of 900208 meeting w/util in Rockville, MD for briefing on diesel generator crankcase explosions.  
THADANI,M.C. Project Directorate I-2. 90/02/02. MURLEY,T., GRIMES,B., MCKEE,P. NRC - No Detailed Affiliation Given. 2pp. 52593:029-52593:030.

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

9002130055 PNO-I-90-008 on 900203, loss of shutdown cooling occurred, causing reactor temp to exceed 200 degrees F. Caused by ground fault on reactor protection sys. Press release issued. Commonwealth of PA notified.  
SWETLAND,P.D. Region 1, Ofc of the Director. 90/02/05. 2pp. 52645:333-52645:334.

9002220014 LER 90-001-00 on 900113, continuous fire watches not established within 1 h when power supply/ground fault circuitry to transponder cards in Simplex alarm sys failed. Circuitry replaced & fire watches established. W/900212 ltr.  
DAVIS,S.E., STANLEY,H.G. Pennsylvania Power & Light Co. 90/02/12. 4pp. 52679:041-52679:044.

### V. Operator Examinations

9002140284 Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by licensee, respectively. All applications for licenses to be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. KEISER,H.W. Pennsylvania Power & Light Co. 8pp. 52653:296-52653:303.

9002070123 Responds to violations noted in Insp Repts 50-387/89-80 & 50-388/89-80 & cited in Enforcement Action EA-89-208. Corrective actions: licensed operator requalification program revised to remove operator following failure to pass exam.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/01/22. HODGES,M.W. Region 1, Ofc of the Director. 3pp. 52570:029-52570:031.

9002140108 Discusses generic fundamentals exam section of written operator licensing exam, per Generic Ltr 89-17. Section will consist of 100 multiple choice questions w/ passing score set at 80%. Sample plans & registration form encl.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. KEISER,H.W. Pennsylvania Power & Light Co. 8pp. 52655:165-52655:172.

## DOCKET 50-388 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

9002060005 Forwards Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/01/23. KEISER,H.W. Pennsylvania Power & Light Co. 2pp. 52559:261-52559:273.

-9002060006 Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. Violations noted. Major areas inspected: review of licensee actions in response to contractor employee allegation re noncompliance w/penetration fire seal requirements.  
MATHEW,R.K. Region 1, Ofc of the Director. 90/01/19. 11pp. 52559:263-52559:273.

9002020202 Forwards preliminary scope & schedule for security upgrade project. Encl withheld (ref 10CFR73.21).  
KEISER,H.W. Pennsylvania Power & Light Co. 90/01/25. VARGA,S.A. Division of Reactor Projects - I/II (Post 870411). 1p. 52559:001-52559:001.

9002120079 Revised EPIPs, including Rev 6 to EP-IP-029, Rev 5 to EP-IP-31 & Rev 9 to EP-IP-033. W/900126 ltr.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/01/26. 43pp. 52617:111-52617:154.

9002090064 Forwards Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1989. Performance in engineering support improved & continued strong performance noted in area of security/safeguards.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/01/31. KEISER,H. Pennsylvania Power & Light Co. 3pp. 52607:229-52607:310.

-9002090065 Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1989. Category 1 assigned in areas of plant operations, maint/surveillance, emergency preparedness, security/safeguards & refueling & outage mgt.  
\* Region 1, Ofc of the Director. 90/01/31. 38pp. 52607:232-52607:310.

### H. General correspondence

9002150249 Informs that RG Byram promoted to position of vice president of nuclear operations. Byram should be added to svc list.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/07. BUTLER,W.R. Project Directorate I-2. 1p. 52656:183-52656:183.

9002160022 Informs of recent organizational changes within util. RG Byram promoted to position of vice president for nuclear operations & HG Stanley promoted to position of superintendent of plant.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/07. RUSSELL,W.T. Region 1, Ofc of the Director. 1p. 52679:097-52679:097.

### J. Insurance & Indemnity Information

9002120006 Forwards Endorsement 51 to NELIA Policy NF-262, Endorsement 34 to MAELU Policy 107, Endorsements 6 to NELIA Policy NW-157 & MAELU Policy MW-77, Endorsement 23 to NELIA Policy NS-422 & Endorsement 11 to MAELU Certificate M-84.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/01. SALTZMAN,J. NRC - No Detailed Affiliation Given. 11pp. 52617:282-52617:292.

### P. Operating license stage documents & correspondence

9001300042 Forwards Topical Rept PL-NF-89-005, "Qualification of Transient Analysis Methods for BWR Design & Analysis," for review & approval. Approval needed to support license amend prior to Unit 2 Cycle 5 startup scheduled for 810510.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/01/22. BUTLER,W.R. Project Directorate I-2. 2pp. 52530:001-52530:276.

-9001300047 "Qualification of Transient Analysis Methods for BWR Design & Analysis." EMMETT,J.H., KULICK,J.M., DODGE,C.E. Pennsylvania Power & Light Co. PL-NF-89-005 R00. 89/12/21. 143pp. 52530:003-52530:276.

9002010168 Forwards application for Proposed Amendments 127 & 79 to Licenses NPF-14 & NPF-22, respectively. Amends change Tech Specs to delete isolation function of differential temp sensing sys & eliminate delta-T instrumentation.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/01/26. BUTLER,W.R. Project Directorate I-2. 5pp. 52515:205-52515:252.

-9002010172 Application for Proposed Amendments 127 & 79 to Licenses NPF-14 & NPF-22, respectively, deleting isolation function of differential temp sensing sys & eliminating delta-T instrumentation in Tech Specs.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/01/26. 10pp. 52515:211-52515:220.

-9002010174 Proposed Tech Specs re isolation actuation instrumentation, instrumentation setpoints & surveillance requirements.  
\* Pennsylvania Power & Light Co. 90/01/26. 32pp. 52515:221-52515:252.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120325 Forwards schedules that provide details of tasks required to complete activities re diesel generators & advises of plan to have spare parts on site in timely manner to support each diesel insp.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/02. BUTLER,W.R. Project Directorate I-2. 16pp. 52624:090-52624:106.

9002150132 Forwards "Primary Reactor Containment Integrated Leakage Rate Test (ILRT)," final rept. Util concludes that Unit 2 ILRT successful.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/05. BUTLER,W.R. Project Directorate I-2. 2pp. 52703:001-52703:170.



- 9002150135 "Primary Reactor Containment Integrated Leakage Rate Test," final rept.  
\* Bechtel Group, Inc. 89/11/30. 168pp. 52703:003-52703:170.

#### Q. Inspection reports, IE Bulletins & correspondence

- 9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

- 9002070123 Responds to violations noted in Insp Repts 50-387/89-80 & 50-388/89-80 & cited in Enforcement Action EA-89-208. Corrective actions: licensed operator requalification program revised to remove operator following failure to pass exam. KEISER, H.W. Pennsylvania Power & Light Co. 90/01/22. HODGES, M.W. Region 1, Ofc of the Director. 3pp. 52570:029-52570:031.

- 9002060005 Forwards Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. No violations noted. DURR, J.P. Region 1, Ofc of the Director. 90/01/23. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52559:261-52559:273.

- 9002060006 Insp Repts 50-387/89-35 & 50-388/89-34 on 891218-21. Violations noted. Major areas inspected: review of licensee actions in response to contractor employee allegation re noncompliance w/ penetration fire seal requirements. MATHEW, R.K., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/19. 11pp. 52559:263-52559:273.

- 9002070255 Forwards Mgt Meeting Repts 50-387/89-37 & 50-388/89-36 on 891219. Util plans to submit formal rept to NRC by 900108. DURR, J.P. Region 1, Ofc of the Director. 90/01/24. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52570:090-52570:186.

- 9002070259 Meeting Repts 50-387/89-37 & 50-388/89-36 on 891219. Major areas discussed: preliminary root cause findings for recent emergency diesel generator crankcase explosions at plant along w/ possible corrective actions to prevent recurrence. WOODARD, C., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/19. 85pp. 52570:092-52570:186.

- 9002070220 Confirms dates of 900205-09 for Reg Guide 1.97 insp at plant. Mgt entrance meeting scheduled on 900205 & mgt exit meeting tentatively scheduled for 900209. DURR, J.P. Region 1, Ofc of the Director. 90/01/26. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52604:277-52604:278.

- 9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

- 9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

- 9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

- 9002120320 Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valves or Valves of Similar Design." Valves not in use at plant. KEISER, H.W. Pennsylvania Power & Light Co. 90/01/30. RUSSELL, W.T. Region 1, Ofc of the Director. 2pp. 52627:187-52627:188.

- 9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSP Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

- 9002090064 Forwards Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1988. Performance in engineering support improved & continued strong performance noted in area of security/safeguards. RUSSELL, W.T. Region 1, Ofc of the Director. 90/01/31. KEISER, H. Pennsylvania Power & Light Co. 3pp. 52607:229-52607:310.

- 9002090065 Final SALP Repts 50-387/88-99 & 50-388/88-99 for Feb 1988 - Jul 1988. Category 1 assigned in areas of plant operations, maint/surveillance, emergency preparedness, security/safeguards & refueling & outage mgt. \* Region 1, Ofc of the Director. 90/01/31. 38pp. 52607:232-52607:310.

- 9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

- 9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

- 9002120325 Forwards schedules that provide details of tasks required to complete activities re diesel generators & advises of plan to have spare parts on site in timely manner to support each diesel insp. W/ five oversize encls. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/02. BUTLER, W.R. Project Directorate I-2. 16pp. 52624:090-52624:106.

- 9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

- 9002160137 Responds to NRC 900105 ltr re violations noted in Insp Repts 50-387/89-33 & 50-388/89-31. Corrective actions: RHR svc water pump 2P506B remains in inoperable status until cause of deviation determined & condition corrected. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/05. GALLO, R.M. Region 1, Ofc of the Director. 4pp. 52658:141-52658:144.

- 9002220034 Forwards Books 1 & 2 to, "Unit 2 Third Refueling & Insp Outage; Outage Summary Rept." KEISER, H.W. Pennsylvania Power & Light Co. 90/02/15. BUTLER, W.R. Project Directorate I-2. 1p. 52680:055-52682:042.

- 9002220036 Books 1 & 2 to "Unit 2 Third Refueling & Insp Outage; Outage Summary Rept." BORGER, D.S. Pennsylvania Power & Light Co. 90/02/06. 707pp. 52680:056-52682:042.

#### R. Periodic operating reports & related correspondence

- 9002070168 Forwards NPDES discharge monitoring rept for Dec 1989 & State of PA, Dept of Environ Resources monthly facility rept Form (01-112). Noncompliances for zinc on cooling tower blowdown on 891228 & for missed sample noted. FIELDS, J.S. Pennsylvania Power & Light Co. 90/01/25. BREZINSKI, R. Pennsylvania, Commonwealth of. 2pp. 52587:049-52587:063.

- 9002070265 "NPDES Discharge Monitoring Rept" for Dec 1989. "State of PA, Dept of Environ Resources Monthly Facility Rept" encl. \* Pennsylvania Power & Light Co. 89/12/31. 13pp. 52587:051-52587:063.

#### S. Reportable occurrences, LERs & related correspondence

- 9002060168 LER 89-016-00: on 891229, fire barrier surveillance not completed within allowances of Tech Spec 4.0.2. Caused by error in Procedure AD-QA-906. Work authorization issued to repair Type A seals & fire watch established. W/ 900129 ltr. DAVIS, S.E., STANLEY, H.G. Pennsylvania Power & Light Co. 90/01/29. 4pp. 52590:205-52590:208.

- 9002120242 Forwards request for addl info re diesel generator crankcase explosion events at plant, per 900130 telcon. THADANI, M.C. Project Directorate I-2. 90/01/31. KEISER, H.W. Pennsylvania Power & Light Co. 4pp. 52627:129-52627:132.

- 9002070237 Notification of 900208 meeting w/ util in Rockville, MD for briefing on diesel generator crankcase explosions. THADANI, M.C. Project Directorate I-2. 90/02/02. MURLEY, T., GRIMES, B., MCKEE, P. NRC - No Detailed Affiliation Given. 2pp. 52593:029-52593:030.

- 9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl. HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### V. Operator Examinations

- 9002140284 Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by licensee, respectively. All applications for licenses to be submitted on revised forms by 900201. GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. KEISER, H.W. Pennsylvania Power & Light Co. 8pp. 52653:296-52653:303.

- 9002070123 Responds to violations noted in Insp Repts 50-387/89-80 & 50-388/89-80 & cited in Enforcement Action EA-89-208. Corrective actions: licensed operator requalification program revised to remove operator following failure to pass exam. KEISER, H.W. Pennsylvania Power & Light Co. 90/01/22. HODGES, M.W. Region 1, Ofc of the Director. 3pp. 52570:029-52570:031.

- 9002140108 Discusses generic fundamentals exam section of written operator licensing exam, per Generic Ltr 89-17. Section will consist of 100 multiple choice questions w/ passing score set at 80%. Sample plans & registration form encl. GALLO, R.M. Region 1, Ofc of the Director. 90/01/24. KEISER, H.W. Pennsylvania Power & Light Co. 8pp. 52655:165-52655:172.

#### DOCKET 50-389 ST. LUCIE PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

- 9002050086 Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Review to assure adequacy of maint practices, operating & emergency procedures will be completed prior to end of Fall 1991. GOLDBERG, J.H. Florida Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 5pp. 52542:357-52542:360.

- 900210266 Revised EIPs, including Rev 17 to 3100022E, Rev 43 to 3100023E, Rev 12 to 3100025E & Rev 13 to 3100026E. W/ 900126 ltr. SAGER, D.A. Florida Power & Light Co. 90/01/26. 68pp. 52505:099-52505:165.

- 9002150186 Rev 13 to EPIP 3100033E, "Offsite Dose Calculations." W/ 900208 ltr. SCHMIDT, A.D., SAGER, D.A. Florida Power & Light Co. 90/02/08. 31pp. 52656:266-52656:296.

#### P. Operating license stage documents & correspondence

- 9002050077 Informs of plans to apply ASME Code Case N-356 at plants to allow certification period to be extended to 5 yrs. Rev to inservice insp programs will include use of code case. ACOSTA, R.J. Florida Power & Light Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52542:001-52542:001.



## 122 DOCKETED ITEMS

**9002050086** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Review to assure adequacy of maint practices, operating & emergency procedures will be completed prior to end of Fall 1991.  
GOLDBERG, J.H. Florida Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 5pp. 52542:357-52542:360.

**9002120265** Forwards CEN-396(L)-P, "Verification of Acceptability of 1 Pin Burnup Limit of 60 MWD/Kg for St Lucie Unit 2" & affidavit requesting proprietary treatment of rept. SAGER, D.A. Florida Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 8pp. 52627:112-52627:119.

**9002120004** Forwards 10CFR50.62 implementation status for plant ATWS mods, per 890301 meeting w/NRC. Production of auxiliary feedwater actuation sys matrix relay cards by C-E complete & cards delivered to plant site.  
SAGER, D.A. Florida Power & Light Co. 90/01/27. Document Control Branch (Document Control Desk). 3pp. 52617:304-52617:306.

**90021290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090283** Application for amend to Licenses DPR-67 & NPF-16, revising general statement in Tech Spec 6.5.2.2, defining requisite level of expertise for membership on company nuclear review board.  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 3pp. 52614:301-52614:306.

**-9002090286** Proposed Tech Spec 6.5.2.2, revising requisite level of expertise for membership on company nuclear review board.  
\* Florida Power & Light Co. 90/02/01. 3pp. 52614:304-52614:306.

**9002150293** Application for amend to License NPF-16, incorporating revised pressure/temp limits & results of revised low temp overpressure protection analysis into Tech Specs for plant EPFY.  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52677:104-52677:184.

**-9002150295** Proposed Tech Specs, incorporating revised pressure/temp limits & results of revised low temp overpressure protection analysis for plant EPFY.  
\* Florida Power & Light Co. 90/02/07. 23pp. 52677:107-52677:129.

**-9002150297** "Pressure-Temp Limits & Low Temp Overpressure Protection for St Lucie Unit 2 for 15 EPFY."  
\* Florida Power & Light Co. 90/02/07. 55pp. 52677:130-52677:184.

**9002150179** Responds to NRC 891115 ltr re potentially invalid leak detection tests used as alternative to ASME Code.  
SAGER, D.A. Florida Power & Light Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52677:009-52677:012.

**9002230494** Grants 900125 request to withhold CEN-396(L)-P, "Verification of Acceptability of 1-Pin Burnup Limit of 60MWD/Kg For St Lucie Unit 2."  
NORRIS, J.A. Project Directorate II-2. 90/02/16. SCHERER, A.E. Combustion Engineering, Inc. 3pp. 52702:013-52702:015.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300450** Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Reactor staff which assists in overseeing refueling operation trained on requirements of fuel loading procedures.  
GOLDBERG, J.H. Florida Power & Light Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52490:299-52490:301.

**9001310081** Forwards Insp Repts 50-335/89-24 & 50-389/89-24 on 891002-06, 16-20, 1030-1103 & 29 & notice of violation. Findings show that licensee developed good maint program w/good implementation. Unresolved item noted.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 4pp. 52503:004-52503:092.

**-9001310083** Notice of violation from insp on 891002-1129. Violations noted: on 891103, activities affecting quality not accomplished w/procedures which resulted in incomplete & illegible records of activities.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/01/23. 2pp. 52503:008-52503:009.

**-9001310087** Insp Repts 50-335/89-24 & 50-389/89-24 on 891002-06, 16-20, 1030-1103 & 29. Violations noted. Major areas inspected: maint program & implementation. Overall program judged to be good w/good implementation. One unresolved item identified.  
CROWLEY, B.R., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/10. 83pp. 52503:010-52503:092.

**9001310260** Forwards Insp Repts 50-335/89-29 & 50-389/89-29 on 891127-1201 & notice of violation.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52511:164-52511:168.

**-9001310263** Notice of violation from insp on 891127-1201. Violation noted: Unit 2 Limit torque actuators failed to operate as designed on 890923, following manual reactor trip.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. 2pp. 52511:167-52511:168.

**-9001310266** Insp Repts 50-335/89-29 & 50-389/89-29 on 891127-1201. Violation noted. Major areas inspected: licensee program for contractor oversight, vendor technical manuals & licensee response to failure of Unit 2 valves on 890923.  
GLASMAN, M.M., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/17. 7pp. 52511:169-52511:175.

**9002010302** Ack receipt of 900105 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-27 & 50-389/89-27. Implementation of corrective actions will be examined during future insps.  
SINKULE, M.V. Region 2, Ofc of the Director. 90/01/23. GOLDBERG, J.H. Florida Power & Light Co. 2pp. 52505:091-52505:092.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002120053** Forwards corrected Page 2 to notice of violation from Insp Repts 50-335/89-29 & 50-389/89-29, adding severity level.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/30. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52617:319-52617:322.

**-9002120057** Corrected Page 2 to notice of violation from insp, including discussion of Severity Level IV violation re worn limit switch pinion drive gear in valve MV-09-10.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. 1p. 52617:322-52617:322.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:160-52583:258.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002130372** Ack receipt of 900115 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-27 & 50-389/89-27. NRC understands that corrective actions re step documentation will be completed by 901001.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/02/02. GOLDBERG, J.H. Florida Power & Light Co. 4pp. 52648:192-52648:195.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

**9002150179** Responds to NRC 891115 ltr re potentially invalid leak detection tests used as alternative to ASME Code.  
SAGER, D.A. Florida Power & Light Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52677:009-52677:012.

### R. Periodic operating reports & related correspondence

**9002020192** "Marine Turtle Removals St Lucie Plant Intake Canal, Oct-Dec 1989." W/ 900123 ltr.  
SAGER, D.A. Florida Power & Light Co. 89/12/31. 4pp. 52540:115-52540:118.

### S. Reportable occurrences, LERs & related correspondence

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**9002230298** LER 90-001-00: on 900114, steam generator feed pump 2B low suction pressure alarm received, condensate pump 2A would not start & pump B tripped on low suction pressure. Caused by personnel error. Pump governor oil drained. W/900213 ltr.  
WEEKS, J.W., SAGER, D.A. Florida Power & Light Co. 90/02/13. 4pp. 52713:006-52713:009.

### V. Operator Examinations

**9002160212** Advises that licensed operator retake requalification exams scheduled for wk of 900402. Day-shift time on facility simulator device must be allocated for both development & administration periods.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/05. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52658:189-52658:191.

## DOCKET 50-390 WATTS BAR NUCLEAR PLANT, UNIT 1

### A. Application/construction stage documents & correspondence

**9002050413** Summary of 900111 meeting w/util in Rockville, MD to discuss status of integration of engineering assurance into Nuclear QA group. List of attendees & util handouts encl.  
GEARS, G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 28pp. 52548:270-52548:311.

-9002060007 "Review of Integration of Engineering Assurance Functions Into Nuclear QA,Nuclear Engineering & Nuclear Licensing & Regulatory Affairs,Part I." MULLEE,G.R. Tennessee Valley Authority. R-89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

9001310189 Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program. RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

9002060210 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment.Program to perform periodic insps of intake structure will be developed.Browns Ferry response extended 30 days,per discussion w/G Gears. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

9002080159 Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants.Response for Browns Ferry extended 30 days.List of commitments also encl. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

9002060119 Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested. BLACK,S.C. Assistant Director for Projects. 90/01/29. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

9002070162 Notification of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested. AULUCK,R. TVA Projects Division. 90/01/31. BLACK,S. Assistant Director for Projects. 3pp. 52612:276-52612:278.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002070102 Notification of 900215 meeting w/util in Spring City,TN to discuss assessment of util evaluation of cable damage issue. AULUCK,R. TVA Projects Division. 90/02/01. BLACK,S. Assistant Director for Projects. 3pp. 52592:172-52592:174.

9002220352 Forwards WCAP-12500, "Addl Info in Support of Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Watts Bar Units 1 & 2," in response to NRC 891213 request. RAY,M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52671:075-52671:085.

-9002220357 "Addl Info in Support of Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Watts Bar Units 1 & 2." WITT,F.J., SCHMERTZ,J.C., SWAMY,S.A. Westinghouse Electric Corp. WCAP-12500. 90/01/31. 10pp. 52671:077-52671:085.

#### F. Security, medical, emergency & fire protection plans

9002050075 Forwards Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219.No violations or deviations noted.One unresolved item identified & will be pursued during future insps. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/17. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52547:171-52547:182.

-9002050079 Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219.No violations or deviations noted.One unresolved item noted. Major areas inspected:monthly surveillance observations, monthly maint observations & review of security issues. BURRIS,S.P., HUMPHREY,P.G., LONG,A.R. Region 2, Ofc of the Director. 90/01/17. 10pp. 52547:173-52547:182.

9002090148 Responds to questions asked in Dec 1989 telcon re fire brigade training drills.Fire brigade training program should meet Section C.3.d of Branch Tech Position CMEB 9.5-1,per SRP 9.5.1. BLACK,S.C. Assistant Director for Projects. 90/02/06. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52613:359-52613:361.

#### H. General correspondence

9002010197 Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers. RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

#### M. Antitrust correspondence

9002150115 Forwards FR notice of receipt of util 891205 submittal of updated antitrust info to be reviewed as portion of OL application,per Reg Guide 9.3. MCKENNA,E.M. Policy Development & Technical Support Branch (Post 870411). 90/02/01. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52656:194-52656:196.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002050075 Forwards Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219.No violations or deviations noted.One unresolved item identified & will be pursued during future insps. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/17. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52547:171-52547:182.

-9002050079 Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219.No violations or deviations noted.One unresolved item noted. Major areas inspected:monthly surveillance observations, monthly maint observations & review of security issues. BURRIS,S.P., HUMPHREY,P.G., LONG,A.R. Region 2, Ofc of the Director. 90/01/17. 10pp. 52547:173-52547:182.

9002050153 Informs of 900212-16 independent team insp of implementation of heat code traceability program at plant. BLACK,S.C. Assistant Director for Projects. 90/01/25. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52548:264-52548:266.

9002060210 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment.Program to perform periodic insps of intake structure will be developed.Browns Ferry response extended 30 days,per discussion w/G Gears. RAY,M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002090165 Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting.Civil penalty not proposed since TVA has implemented programs. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

-9002090171 Notice of violation from insp on 860428-0916.Violations noted:failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy. CRUTCHFIELD,D. Division of Reactor Projects - II,IV,V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

9002120101 Corrected ltr discussing NRC Investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees.Were HS Sanger still util employee,NRC would consider addl actions. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

-9002120115 Notice of violation from investigation on 860428-0916. Violations noted:failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130070 Responds to items detailed in summary of Insp Repts 50-390/89-12 & 50-391/89-12 on design baseline verification program corrective action program plan.Calculation type having repeated & significant deficiencies will be examined. RAY,M.J. Tennessee Valley Authority. 90/02/05. Document Control Branch (Document Control Desk). 9pp. 52648:170-52648:178.

9002140226 Responds to NRC ltr re violations noted in Insp Repts 50-390/89-20 & 50-391/89-20.Corrective actions:foreign matl will be removed from inside uncovered cable trays. MEDFORD,M.O. Tennessee Valley Authority. 90/02/07. Document Control Branch (Document Control Desk). 7pp. 52651:279-52651:285.

9002220587 Informs that independent team insp of plant will be performed on 890226-0301.Insp objective,insp tasks & participating inspectors identified in encl.Exit meeting will be conducted on 900301. BLACK,S.C. Assistant Director for Projects. 90/02/08. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52696:272-52696:275.

#### S. Reportable occurrences, LERs & related correspondence

8911270024 Deficiency & Part 21 rept re motor shaft pinion key failure, keyway deformation & shaft cracking problems.Third extension of rept schedule noted since actuator testing inconclusive. Next rept will be submitted on or about 900402. RAY,M.J. Tennessee Valley Authority. 89/11/16. Document Control Branch (Document Control Desk). 3pp. 51848:055-51848:057.

## 124 DOCKETED ITEMS

**9001300044** Interim deficiency rept re cables in main steam vault rooms located below flood levels but unqualified for submergence. Initially reported on 891222. Analysis & cable testing under review. Final rept will be submitted by 900301.  
RAY, M.L. Tennessee Valley Authority. 90/01/22. Document Control Branch (Document Control Desk). 4pp. 52489:131-52489:134.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

### DOCKET 50-391 WATTS BAR NUCLEAR PLANT, UNIT 2

#### A. Application/construction stage documents & correspondence

**9002050413** Summary of 900111 meeting w/util in Rockville, MD to discuss status of integration of engineering assurance into Nuclear QA group. List of attendees & util handouts encl.  
GEARS, G.E. TVA Projects Division. 90/01/19. TVA Projects Division. 29pp. 52548:270-52548:311.

**-9002060007** "Review of Integration of Engineering Assurance Functions Into Nuclear QA, Nuclear Engineering & Nuclear Licensing & Regulatory Affairs, Part I."  
MULLEE, G.R. Tennessee Valley Authority. R-89-04-NPS. 89/10/31. 13pp. 52548:299-52548:311.

**9001310189** Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

**9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

**9002080159** Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants. Response for Browns Ferry extended 30 days. List of commitments also encl.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

**9002060119** Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested.  
BLACK, S.C. Assistant Director for Projects. 90/01/29. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002120315** Advises of error in 890320 ltr re commitment for submitting schedule for addressing items on facility operation. No new commitments identified.  
RAY, M.J. Tennessee Valley Authority. 90/02/02. Document Control Branch (Document Control Desk). 2pp. 52671:203-52671:204.

**9002220352** Forwards WCAP-12500, "Addl Info in Support of Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Watts Bar Units 1 & 2," in response to NRC 891213 request.  
RAY, M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52671:075-52671:085.

**-9002220357** "Addl Info in Support of Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Watts Bar Units 1 & 2."  
WITT, F.J., SCHMERTZ, J.C., SWAMY, S.A. Westinghouse Electric Corp. WCAP-12500. 90/01/31. 10pp. 52671:077-52671:085.

#### F. Security, medical, emergency & fire protection plans

**9002050075** Forwards Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219. No violations or deviations noted. One unresolved item identified & will be pursued during future insps.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/17. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 52547:171-52547:182.

**-9002050079** Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219. No violations or deviations noted. One unresolved item noted. Major areas inspected: monthly surveillance observations, monthly maint observations & review of security issues.  
BURRIS, S.P., BARR, K.P. Region 2, Ofc of the Director. 90/01/17. 10pp. 52547:173-52547:182.

**9002090148** Responds to questions asked in Dec 1989 telcon re fire brigade training drills. Fire brigade training program should meet Section C.3.d of Branch Tech Position CMEB 9.5-1, per SRP 9.5.1.  
BLACK, S.C. Assistant Director for Projects. 90/02/06. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52613:359-52613:361.

#### H. General correspondence

**9002010197** Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers.  
RAY, M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002050075** Forwards Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219. No violations or deviations noted. One unresolved item identified & will be pursued during future insps.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/01/17. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 52547:171-52547:182.

**-9002050079** Insp Repts 50-390/89-24 & 50-391/89-22 on 891121-1219. No violations or deviations noted. One unresolved item noted. Major areas inspected: monthly surveillance observations, monthly maint observations & review of security issues.  
BURRIS, S.P., HUMPHREY, P.G., LONG, A.R. Region 2, Ofc of the Director. 90/01/17. 10pp. 52547:173-52547:182.

**9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears.  
RAY, M.J. Tennessee Valley Authority. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002090165** Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting. Civil penalty not proposed since TVA has implemented programs.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON, M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

**-9002090171** Notice of violation from Insp on 860428-0916. Violations noted: failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy.  
CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

**9002120101** Corrected ltr discussing NRC Investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees. Were HS Sanger still util employee, NRC would consider addl actions.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON, M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

**-9002120115** Notice of violation from investigation on 860428-0916. Violations noted: failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130070** Responds to items detailed in summary of Insp Repts 50-390/89-12 & 50-391/89-12 on design baseline verification program corrective action program plan. Calculation type having repeated & significant deficiencies will be examined.  
RAY, M.J. Tennessee Valley Authority. 90/02/05. Document Control Branch (Document Control Desk). 9pp. 52648:170-52648:178.

**9002140226** Responds to NRC ltr re violations noted in Insp Repts 50-390/89-20 & 50-391/89-20. Corrective actions: foreign matl will be removed from inside uncovered cable trays.  
MEDFORD, M.O. Tennessee Valley Authority. 90/02/07. Document Control Branch (Document Control Desk). 7pp. 52651:279-52651:285.

**9002220587** Informs that independent team insp of plant will be performed on 890226-0301. Insp objective, insp tasks & participating inspectors identified in encl. Exit meeting will be conducted on 900301.  
BLACK, S.C. Assistant Director for Projects. 90/02/08. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52696:272-52696:275.

**S. Reportable occurrences, LERs & related correspondence**

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

**DOCKET 50-395 VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1****F. Security, medical, emergency & fire protection plans**

**9001290217** Revised EIPs, including Rev 10 to EPP-003 & EPP-004, Rev 11 to EPP-018, Rev 12 to EPP-022 & Rev 0 to EPP-023, W/900112 ltr.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/12. 89pp. 52453:330-52454:058.

**9002220483** Summary of 900201 meeting w/util in Rockville, MD re potential moving of emergency operations facility from plant training ctr to Palmetto Ctr in Columbia, SC. List of attendees & meeting handouts encl.  
HAYES, J.J. Project Directorate II-1. 90/02/13. Project Directorate II-1. 13pp. 52672:166-52672:178.

**P. Operating license stage documents & correspondence**

**9001290101** Advises that util will validate adequacy of any sys used for periodic inservice insp & will upgrade, as required, eddy current test methods used as better methods developed & validated for commercial use, per 900111 discussion.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/16. HAYES, J.J. Document Control Branch (Document Control Desk). 1p. 52469:335-52469:335.

**9002020187** Forwards EGG-NTA-8701, "TMI Action - NUREG-0737 (II.D.1) Relief & Safety Valve Testing VC Summer Nuclear Station." All items completed except qualification of piping & supports upstream of safety valves & PORVs.  
HAYES, J.J. Project Directorate II-1. 90/01/19. BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp. 52539:124-52539:161.

**-9001220107** "TMI Action-NUREG-0737 (II.D.1) Relief & Safety Valve Testing, VC Summer Nuclear Station," technical evaluation rept.  
YUAN, C.Y., NALEZNY, C.L., FINEMAN, C.P. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN A-6492. EGG-NTA-8701. 89/09/30. NRC - No Detailed Affiliation Given. 35pp. 52539:127-52539:161.

**9002120331** Forwards WCAP-12464, "VC Summer Nuclear Station Natural Circulation Evaluation Program Rept." Rept provides info to resolve Branch Technical Position RSB 5-1, "Design Requirements for RHR Sys" for facility, per 890719 telcon.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/26. HAYES, J.J. Document Control Branch (Document Control Desk). 1p. 52615:198-52615:220.

**-9002120333** "VC Summer Nuclear Station Natural Circulation Evaluation Program Rept."  
STERRETT, C.R., HANSON, J.P., BEER, R.W. Westinghouse Electric Corp. WCAP-12464. 89/12/31. 22pp. 52615:199-52615:220.

**9002080030** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util currently performs visual insps & dredgings of svc water & circulating water intake structures once each refueling cycle.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/31. Document Control Branch (Document Control Desk). 6pp. 52593:188-52593:193.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52567:055-52567:083.

**9002120127** Requests approval, per 10CCFR50.55a, for use of Alloy 690 matl in fabricating/use of steam generator plugs during upcoming refueling outage. Alloy 690 currently code-approved matl for steam generator tubing based on corrosion resistance.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/02/01. HAYES, J.J. Document Control Branch (Document Control Desk). 2pp. 52627:185-52627:186.

**9002130306** Summary of 900131 meeting w/util in Rockville, MD re status of licensing issues for plant. List of attendees & handouts encl.  
HAYES, J.J. Project Directorate II-1. 90/02/02. Project Directorate II-1. 15pp. 52647:321-52647:335.

**9002220230** Forwards Amend 84 to License NPF-12 & safety evaluation. Amend revises Tech Spec 3/4.8.1, "AC Sources" by changing generator oil vol.  
HAYES, J.J. Project Directorate II-1. 90/02/12. BRADHAM, O.S. South Carolina Electric & Gas Co. 1p. 52683:147-52683:157.

**-9002220235** Amend 84 to License NPF-12, revising Tech Spec 3/4.8.1, "AC Sources" by changing generator oil vol.  
ADENSAM, E.G. Project Directorate II-1. 90/02/12. 6pp. 52683:149-52683:154.

**-9002220239** Safety evaluation supporting Amend 84 to License NPF-12.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/12. 4pp. 52683:155-52683:157.

**9002220407** Forwards Amend 86 to License NPF-12 & safety evaluation. Amend rennumbers Tech Spec 3/4.7.11 to Tech Spec 3/4.7.9.  
HAYES, J.J. Project Directorate II-1. 90/02/12. BRADHAM, O.S. South Carolina Electric & Gas Co. 2pp. 52689:202-52689:210.

**-9002220410** Amend 86 to License NPF-12, renumbering Tech Spec 3/4.7.11 to Tech Spec 3/4.7.9.  
ADENSAM, E.G. Project Directorate II-1. 90/02/12. 4pp. 52689:204-52689:207.

**-9002220517** Safety evaluation supporting Amend 86 to License NPF-12.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/12. 3pp. 52689:208-52689:210.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001310003** Forwards Insp Rept 50-395/89-24 on 891201-31. Violations noted but not cited.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/01/11. BRADHAM, O.S. South Carolina Electric & Gas Co. 2pp. 52497:016-52497:029.

**-9001310004** Insp Rept 50-395/89-24 on 891201-31. Noncited violations noted. Major areas inspected: monthly surveillance observations, monthly maint observation, operational safety verification, ESF sys walkdown & followup of events.  
PREVATTE, R.L., MODENOS, L.P., CANTRELL, F.S. Region 2, Ofc of the Director. 90/01/11. 12pp. 52497:018-52497:029.

**9001290101** Advises that util will validate adequacy of any sys used for periodic inservice insp & will upgrade, as required, eddy current test methods used as better methods developed & validated for commercial use, per 900111 discussion.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/16. HAYES, J.J. Document Control Branch (Document Control Desk). 1p. 52469:335-52469:335.

**9001300290** Forwards Exam Rept 50-395/OL-89-02 administered on 891205-07.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/16. BRADHAM, O.S. South Carolina Electric & Gas Co. 2pp. 52494:161-52494:225.

**-9001300292** Exam Rept 50-395/OL-89-02 on 891205-07. Exam results: all five reactor operators passed written exams & operating tests.  
ERNSTES, M.E., MUNRO, J.F. Region 2, Ofc of the Director. 90/01/12. 63pp. 52494:163-52494:225.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001290317** Advises that util 900105 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," acceptable & TAC 74564 closed.  
HAYES, J.J. Project Directorate II-1. 90/01/21. BRADHAM, O.S. Southern California Edison Co. 3pp. 52469:095-52469:097.

**9002060061** Forwards Insp Rept 50-395/89-200 on 891127-1215. Deficiencies noted.  
VARGA, S.A. Division of Reactor Projects - I/II (Post 870411). 90/01/26. BRADHAM, O.S. South Carolina Electric & Gas Co. 4pp. 52556:118-52556:148.

**-9002060065** Insp Rept 50-395/89-200 on 891127-1215. Deficiencies noted. Major areas inspected: compliance w/IE Bulletins 79-02 & 79-14.  
PARKHILL, R.W., IMBRO, E.V., LANNING, W.D. Division of Reactor Inspection & Safeguards (Post 870411). 90/01/24. 27pp. 52556:122-52556:148.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re insulation Matl Performance & Debris Blockage of PWR Containment Surfs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002050285** Notification of 900208 meeting w/util in Rockville, MD to discuss insps associated w/implementation of Bulletins 79-02 & 79-14.  
HAYES, J.J. Project Directorate II-1. 90/01/30. TOURIGNY, E.G. Project Directorate II-1. 3pp. 52547:322-52547:324.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002080030** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util currently performs visual insps & dredgings of svc water & circulating water intake structures once each refueling cycle.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/31. Document Control Branch (Document Control Desk). 6pp. 52593:188-52593:193.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52558:238-52558:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150305** Ack receipt of 900112 ltr in response to NRC 891212 notice of violation re licensed operator duties. NRC concerned that licensed operator personal affairs do not impact daily performance re operation of facility.  
LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/08. CROWLEY, C.A. Affiliation Not Assigned. 1p. 52658:103-52658:103.

**9002230466** Forwards Insp Rept 50-395/90-01 on 900101-31. No violations or deviations noted.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/02/12. BRADHAM, O.S. South Carolina Electric & Gas Co. 2pp. 52702:175-52702:186.



## 126 DOCKETED ITEMS

-9002230469 Insp Rept 50-395/90-01 on 900101-31.No violations or deviations noted.Major areas inspected:monthly surveillance & maint observation,operational safety verification & onsite followup of events at operating power plants. PREVATTE,R.L., MODENOS,L.P., CANTRELL,F.S. Region 2, Ofc of the Director. 90/02/08. 10pp. 52702:177-52702:186.

### R. Periodic operating reports & related correspondence

9001310455 Forwards Technical Rept 89-3, "Seismic Activity Near VC Summer Nuclear Station for Period Jul-Sept 1989." BRADHAM,O.S. South Carolina Electric & Gas Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52497:063-52497:077.

-9001310462 "Seismic Activity Near VC Summer Nuclear Station for Period Jul- Sept 1989." TALWANI,P. South Carolina, Univ. of, Columbia, SC. 89-3. 90/01/24. 14pp. 52497:064-52497:077.

### S. Reportable occurrences, LERs & related correspondence

9002010227 LER 89-011-01:on 890528,manual reactor trip initiated following failure of pressurizer safety valve when valve became unseated,causing rapid depressurization of RCS.Temp detectors installed on safety valve.W/900123 ltr. HIGGINS,W.R., BRADHAM,O.S. South Carolina Electric & Gas Co. 89/06/27. 6pp. 52550:074-52550:079.

9001300093 Provides update of long-term corrective action for 890711 loss of offsite power.Installation of voltage regulator on 230/7.2 kV emergency auxiliary transformer neither required nor any appreciable benefit derived from installation. BRADHAM,O.S. South Carolina Electric & Gas Co. 90/01/19. HAYES,J.J. Document Control Branch (Document Control Desk). 2pp. 52489:191-52489:192.

9001310457 LER 89-022-00:on 890913,discovered that chilled water pump B returned to svc w/o performing adequate Section XI of ASME Boiler & Pressure Vessel Code required post-maint operability test.Caused by personnel error.W/900126 ltr. HIGGINS,W.R., BRADHAM,O.S. South Carolina Electric & Gas Co. 90/01/26. 4pp. 52502:153-52502:156.

9002220573 Part 21 rept re possible rise in chiller water temp when svc water flow valve opened to increase flow.Initially reported on 900209.Revised guidelines issued for min chiller load operation by selectively isolating cooling coils. VAUGHN,H.E. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 90/02/13. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52696:071-52696:072.

### V. Operator Examinations

9001300290 Forwards Exam Rept 50-395/OL-89-02 administered on 891205- 07. PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/16. BRADHAM,O.S. South Carolina Electric & Gas Co. 2pp. 52494:161-52494:225.

-9001300292 Exam Rept 50-395/OL-89-02 on 891205-07.Exam results:all five reactor operators passed written exams & operating tests. ERNSTES,M.E., MUNRO,J.F. Region 2, Ofc of the Director. 90/01/12. 63pp. 52494:163-52494:225.

9002150305 Ack receipt of 900112 ltr in response to NRC 891212 notice of violation re licensed operator duties.NRC concerned that licensed operator personal affairs do not impact daily performance re operation of facility. LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/02/09. CROWLEY,C.A. Affiliation Not Assigned. 1p. 52658:103-52658:103.

## DOCKET 50-397 WPPSS NUCLEAR PROJECT, UNIT 2

### F. Security, medical, emergency & fire protection plans

9001300231 Forwards Insp Rept 50-397/89-33 on 891113-1222.No violations or deviations noted.Concern identified that control room fire/evacuation procedure requiring hourly monitoring not provided w/8 h battery powered lighting unit for procedure. MILLER,L. Region 5, Ofc of the Director. 90/01/11. SORESEN,G.C. Washington Public Power Supply System. 2pp. 52470:306-52470:318.

-9001300236 Insp Rept 50-397/89-33 on 891113-1222.No violations or deviations noted.Major areas inspected:vital areas & equipment in plant,assessment of licensee program for facility emergency lighting & followup of open items. HUEY,F.R. Region 5, Ofc of the Director. 90/01/11. 11pp. 52470:308-52470:318.

9002150009 Forwards Insp Rept 50-397/89-39 on 891218-22.No deficiencies or violations noted. YUHAS,G.P. Region 5, Ofc of the Director. 90/01/22. SORESEN,G.C. Washington Public Power Supply System. 3pp. 52676:212-52676:221.

-9002150010 Insp Rept 50-397/89-39 on 891218-22.No violations or deviations noted.Weaknesses re readiness of emergency equipment identified.Major areas inspected:emergency preparedness program & followup on open items. PRENDERGAST,K., YUHAS,G.P. Region 5, Ofc of the Director. 90/01/22. 7pp. 52676:215-52676:221.

9002070310 EN-90-012:on 900201,notice of violation will be issued to util.Action based on numerous violations of fire protection requirements of 10CFR50,App R involving inadequate separation of safety equipment trains & fire barriers. LUEHMAN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/01/29. 1p. 52604:258-52604:258.

9002060295 Expresses appreciation for participation in Emergency Response Data Sys.Encl survey designed to provide hardware, communications,data point & administrative info necessary for contractor to design sys interface & data base. JOLICOEUR,J.R. Incident Response Branch. 90/01/30. HOSLER,A. Washington Public Power Supply System. 50pp. 52559:302-52559:351.

9002070350 Forwards Rev 16 to physical security plan.Rev withheld (ref 10CFR73.21). SORESEN,G.C. Washington Public Power Supply System. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52569:338-52569:339.

9002070450 Discusses Insp Repts 50-397/86-05,50-397/87-02 & 50-397/89-30 on 860303-891027,respectively & forwards notice of violation.Violations demonstrate mgt failure to control fire protection areas. MARTIN,J.B. Region 5, Ofc of the Director. 90/02/01. MAZUR,D.W. Washington Public Power Supply System. 3pp. 52587:195-52587:202.

-9002070452 Notice of violation from insp on 860303-891027.Violations noted:failure to provide adequate protection to enable operation of one train of safe shutdown equipment & adequate fire barrier protection for instrumentation in block walls. MARTIN,J.B. Region 5, Ofc of the Director. 90/02/01. 5pp. 52587:198-52587:202.

9002270184 Final response to FOIA request for records.App A & B records encl & available in PDR.App B records partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/23. PENLAND,T. Bishop, Cook, Purcell & Reynolds. 5pp. 52716:305-52716:311.

-9002270202 Advises that encl listed employee should be provided site- specific training in radiological protection,emergency response & security comparable to that furnished by util to regular site employee granted unescorted access. MARTIN,J.B. Region 5, Ofc of the Director. 88/07/26. SORESEN,G.C. Washington Public Power Supply System. 2pp. 52718:007-52718:008.

-9002270210 Provides security clearance info for generic precursor event insp on 880808-0902. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 88/08/05. FRIGILLANA,E. Region 5, Ofc of the Director. 1p. 52718:009-52718:009.

-9002270219 Requests unescorted access for listed inspector for precursor team insp on 880822-0902. HAUGHNEY,C.J. Special Inspection Branch. 88/08/18. HAMILL,K. Region 5, Ofc of the Director. 2pp. 52718:010-52718:011.

### I. Financial Information

9002060001 "WPPSS,1989 Annual Rept." W/900129 ltr. HALVORSON,C.M., MAZUR,D.W., SORESEN,G.C. Washington Public Power Supply System. 89/12/31. 40pp. 52556:327-52557:005.

### P. Operating license stage documents & correspondence

9002060184 Forwards SER concluding that sufficient justification for operation provided re standby gas treatment sys attainment of secondary containment pressure.Addl testing necessary to verify standby gas treatment sys fan capacity. SAMWORTH,R.B. Project Directorate V. 90/01/03. SORESEN,G.C. Washington Public Power Supply System. 3pp. 52569:065-52569:071.

-9002060188 Safety evaluation concluding that sufficient justification provided,in form of justification for continued operation,to allow continued operation assuming standby gas treatment sys fan capacity verified per "as tested" values. \* NRC - No Detailed Affiliation Given. 90/01/03. App. 52569:068-52569:071.

9002080324 Forwards Rev 13 to WPPSS-QA-004, "Operational QA Program Description." SORESEN,G.C. Washington Public Power Supply System. 90/01/24. MARTIN,J.B. Region 5, Ofc of the Director. 2pp. 52593:268-52593:306.

-9002080326 Rev 13 to WPPSS-QA-004, "Operational QA Program Description." BOUDREY,B.D. Washington Public Power Supply System. 90/01/24. 37pp. 52593:270-52593:306.

9002020288 Advises that licensee individual plant exam approach, methodology & schedule,described in 891101 ltr,per Generic Ltr 88-20,acceptable.Schedule changes should be reported to NRC. SAMWORTH,R.B. Project Directorate V. 90/01/30. SORESEN,G.C. Washington Public Power Supply System. 3pp. 52539:221-52539:223.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002160139 Application for amend to License NPF-21,revising Tech Spec Surveillance Requirement 4.8.1.1.2.d.2 to add new diesel fuel oil surveillance to ensure that diesel generator operability not impaired by insolubles in fuel oil. SORESEN,G.C. Washington Public Power Supply System. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52658:159-52658:162.

-9002160141 Proposed Tech Specs re surveillance requirements for sampling fuel oil from discharge line of storage tank transfer pumps for impurities. \* Washington Public Power Supply System. 90/02/02. 1p. 52658:162-52658:162.

9002140267 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util will annually inspect svc water spray ponds for macroscopic biological fouling organisms & fouling accumulations will be removed. SORESEN,G.C. Washington Public Power Supply System. 90/02/05. MARTIN,J.B. Region 5, Ofc of the Director. 12pp. 52653:187-52653:188.

9002160067 Application for amend to License NPF-21,requesting diesel generator test schedule of Table 4.8.1.1.2-1 be revised,per Generic Ltr 84-15. SORESEN,G.C. Washington Public Power Supply System. 90/02/05. Document Control Branch (Document Control Desk). 5pp. 52679:113-52679:119.

-9002160068 Proposed Tech Specs re diesel generator test schedule. \* Washington Public Power Supply System. 90/02/05. 2pp. 52679:118-52679:119.

9002230437 Application for amend to License NPF-21,changing Tech Spec 3.4.2 re safety relief valve & Tables 3.3.7.5-1 & 4.3.7.5-1 re accident monitoring instrumentation to permit acoustic monitor to be inoperable until next shutdown. SORESEN,G.C. Washington Public Power Supply System. 90/02/14. Document Control Branch (Document Control Desk). 6pp. 52702:220-52702:228.



-9002230438 Proposed Tech Specs re accident monitoring instrumentation & safety relief valves.  
\* Washington Public Power Supply System. 90/02/14. 3pp. 52702:226-52702:228.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300231 Forwards Insp Rept 50-397/89-33 on 891113-1222.No violations or deviations noted.Concern identified that control room fire/evacuation procedure requiring hourly monitoring not provided w/8 h battery powered lighting unit for procedure. MILLER,L. Region 5, Ofc of the Director. 90/01/11. SORENSEN,G.C. Washington Public Power Supply System. 2pp. 52470:306-52470:318.

-9001300236 Insp Rept 50-397/89-33 on 891113-1222.No violations or deviations noted.Major areas inspected:vital areas & equipment in plant,assessment of licensee program for facility emergency lighting & followup of open items. HUEY,F.R. Region 5, Ofc of the Director. 90/01/11. 11pp. 52470:308-52470:318.

9002270180 FOIA request for internal notes,memos,briefings,ltrs & records re Insp Repts 50-397/87-19 & 50-397/88-24. PENLAND,T.L. Bishop, Cook, Purcell & Reynolds. 90/01/11. ROBINSON,L. NRC - No Detailed Affiliation Given. 1p. 52716:304-52716:304.

9001300222 Forwards Insp 50-397/89-38 on 891127-1219 & notice of violation.Expresses concern re apparent lack of effective corrective actions in dealing w/torquing of fasteners used in applications that experience significant vibration. MARTIN,J.B. Region 5, Ofc of the Director. 90/01/12. OXSEN,A.L. Washington Public Power Supply System. 4pp. 52495:144-52495:162.

-9001300226 Notice of violation from insp on 891127-1219.Violation noted:incorrect torque selection & ineffective corrective action for loosening of fasteners. MARTIN,J.B. Region 5, Ofc of the Director. 90/01/12. 2pp. 52495:148-52495:149.

-9001300228 Insp Rept 50-397/89-38 on 891127-1219.No violations noted. Major areas inspected:loosening & torquing of safety-related motor operator mounting bolts in RHR sys. JOHNSON,P.H. Region 5, Ofc of the Director. 90/01/05. 13pp. 52495:150-52495:162.

9002020001 Forwards Insp Repts 50-397/89-34 & 50-460/89-02 on 891113- 1217.No violations noted.Only Paragraph 8 addresses Unit 1 re preservation activities. RICHARDSS,A. Region 5, Ofc of the Director. 90/01/16. SORENSEN,G.C. Washington Public Power Supply System. 2pp. 52526:187-52526:199.

-9002020002 Insp Repts 50-397/89-34 & 50-460/89-02 on 891113-1217.No violations or deviations noted.Except for Paragraph 8, rept discusses Unit 2 only.Major areas inspected:control room operations,licensee action on previous findings & LERs. JOHNSON,P.H. Region 5, Ofc of the Director. 90/01/16. 11pp. 52526:189-52526:199.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300073 EN-90-007:on 900124,notice of violation & proposed imposition of civil penalty in amount of \$50,000 will be issued.Action based on violations of equipment qualification requirements of 10CFR50.49 LUEHMAN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/01/19. 1p. 52490:320-52490:320.

9002150009 Forwards Insp Rept 50-397/89-39 on 891218-22.No deficiencies or violations noted. YUHAS,G.P. Region 5, Ofc of the Director. 90/01/22. SORENSEN,G.C. Washington Public Power Supply System. 3pp. 52676:212-52676:221.

-9002150010 Insp Rept 50-397/89-39 on 891218-22.No violations or deviations noted.Weaknesses re readiness of emergency equipment identified.Major areas inspected:emergency preparedness program & followup on open items. PRENDERGAST,K., YUHAS,G.P. Region 5, Ofc of the Director. 90/01/22. 7pp. 52676:215-52676:221.

9002050257 Forwards notice of violation & proposed imposition of civil penalty in amount of \$50,000 for violations noted in Insp Repts 50-397/86-12,50-397/88-39 & 50-397/89-23 re improper qualification of equipment important to safety. MARTIN,J.B. Region 5, Ofc of the Director. 90/01/24. MAZUR,D.W. Washington Public Power Supply System. 4pp. 52542:234-52542:242.

-9002050258 Notice of violation & proposed imposition of civil penalty in amount of \$50,000.Violations noted:failure to document testing,analyses or experiences adequate to demonstrate that 27 Limitorque motor operators environmentally qualified. MARTIN,J.B. Region 5, Ofc of the Director. 90/01/24. 5pp. 52542:238-52542:242.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002070310 EN-90-012:on 900201,notice of violation will be issued to util.Action based on numerous violations of fire protection requirements of 10CFR50,App R involving inadequate separation of safety equipment trains & fire barriers. LUEHMAN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/01/29. 1p. 52604:258-52604:258.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002070450 Discusses Insp Repts 50-397/86-05,50-397/87-02 & 50-397/89-30 on 860303-891027,respectively & forwards notice of violation.Violations demonstrate mgt failure to control fire protection areas. MARTIN,J.B. Region 5, Ofc of the Director. 90/02/01. MAZUR,D.W. Washington Public Power Supply System. 3pp. 52587:195-52587:202.

-9002070452 Notice of violation from insp on 860303-891027.Violations noted:failure to provide adequate protection to enable operation of one train of safe shutdown equipment & adequate fire barrier protection for instrumentation in block walls. MARTIN,J.B. Region 5, Ofc of the Director. 90/02/01. 5pp. 52587:198-52587:202.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002130304 Raises no objection to util 891121 proposal to defer insp of low pressure turbine from scheduled 1990 refueling outage to 1991 refueling outage.Confirms that all three low pressure turbines will be replaced w/fully integral disc design. SAMWORTH,R.B. Project Directorate V. 90/02/05. SORENSEN,G.C. Washington Public Power Supply System. 4pp. 52634:277-52634:280.

9002140267 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util will annually inspect svc water spray ponds for macroscopic biological fouling organisms & fouling accumulations will be removed. SORENSEN,G.C. Washington Public Power Supply System. 90/02/05. MARTIN,J.B. Region 5, Ofc of the Director. 12pp. 52653:187-52653:198.

9002220598 Responds to NRC 900112 ltr re violations noted in Insp Rept 50-397/89-38.Corrective action:add plant QA surveillance being performed on select sample of fasteners to ensure that correct torque values utilized. BOUCHEY,G.D. Washington Public Power Supply System. 90/02/12. Document Control Branch (Document Control Desk). 5pp. 52678:329-52678:333.

9002270184 Final response to FOIA request for records.App A & B records encl & available in PDR.App B records partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/23. PENLAND,T. Bishop, Cook, Purcell & Reynolds. 5pp. 52716:305-52716:311.

-9002270186 Advises of lodgings & transportation plans for WNP-2 insp team members. TOTHA,D. Region 5, Ofc of the Director. 88/07/07. Region 5, Ofc of the Director. 1p. 52716:310-52716:310.

-9002270189 Requests appropriate ltr to util re security status of listed personnel for 880808-0902 team insp. TOTHA, Region 5, Ofc of the Director. 88/07/08. Office of Information Resources Management (Post 890205). 1p. 52716:311-52716:311.

-9002270196 Requests that cognizant project branch staff provide data & guidance for preparation of insp plan for team insp during wk of 880829.Supporting documentation encl. PATE,R.J. Region 5, Ofc of the Director. 88/06/03. ZIMMERMAN,R. Region 5, Ofc of the Director. 415pp. 52716:312-52718:006.

-9002270202 Advises that encl listed employee should be provided site- specific training in radiological protection,emergency response & security comparable to that furnished by util to regular site employee granted unescorted access. MARTIN,J.B. Region 5, Ofc of the Director. 88/07/26. SORENSEN,G.C. Washington Public Power Supply System. 2pp. 52718:007-52718:008.

-9002270210 Provides security clearance info for generic precursor event insp on 880808-0902. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 88/08/05. FRIGILLANA,E. Region 5, Ofc of the Director. 1p. 52718:009-52718:009.

-9002270219 Requests unescorted access for listed inspector for precursor team insp on 880822-0902. HAUGHNEY,C.J. Special Inspection Branch. 88/08/18. HAMILL,K. Region 5, Ofc of the Director. 2pp. 52718:010-52718:011.

#### R. Periodic operating reports & related correspondence

9002220372 Monthly operating rept for Jan 1990 for Washington Nuclear Plant,Unit 2.W/900207 ltr. HUTCHISON,L.B., POWERS,C.M. Washington Public Power Supply System. 90/01/31. 4pp. 52690:049-52690:052.

#### S. Reportable occurrences, LERs & related correspondence

9002130069 LER 90-001-00:on 900103,diesel generator sys declared inoperable due to failed diesel fuel Tech Spec surveillance. Caused by fuel oil sampling method.Independent consultant hired to assess diesel fuel program.W/900201 ltr. WASHINGTON,S.L., POWERS,C.M. Washington Public Power Supply System. 90/02/01. 7pp. 52654:036-52654:042.

## 128 DOCKETED ITEMS

### DOCKET 50-400 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9002150255** Forwards Insp Rept 50-400/89-34 on 891118-900105 & notice of violation. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/31. EURY,L. Carolina Power & Light Co. 2pp. 52677:078-52677:096.

**-9002150258** Notice of violation from insp on 891118-900105. Violation noted: Procedure OST-1004 not properly implemented in that work request not generated & course gain adjustments made. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/31. 2pp. 52677:080-52677:081.

**-9002150260** Insp Rept 50-400/89-34 on 891118-900105. Violations noted. Major areas inspected: plant operations, radiological controls, security, fire protection, surveillance observation, maint observation, LERs & sys engineer program. TEDROW,J., SHANNON,M., DANCE,H. Region 2, Ofc of the Director. 90/01/31. 15pp. 52677:082-52677:096.

**9002230235** Revised plant emergency procedures, including Rev 5 to PEP-321, Rev 3 to PEP-382, Rev 2 to PEP-405 & Change 1 to Rev 5 to PEP-343.W/900214 ltr. HINNANT,C.S., RICHEY,R.B. Carolina Power & Light Co. 90/02/14. 41pp. 52701:209-52701:249.

#### H. General correspondence

**9001290096** Responds to 891207 ltr addressing recent fire at plant & concerns of constituents as result of fire. NRC actions re fire protection discussed. Brief description of event at plant encl. CARR,K.M. Commissioners. 90/01/17. SANFORD,T. Senate. 3pp. 52598:126-52598:131.

**-9001290098** Requests consideration of encl K White 891030 ltr as example of feeling that many North Carolinians have re possibility of serious nuclear accident taking place in state. SANFORD,T. Senate. 89/12/07. ZECH,L.W. Commissioners. 4pp. 52598:129-52598:131.

#### P. Operating license stage documents & correspondence

**9002020216** Forwards revised Tech Spec Table 3.7-6, "Area Temp Monitoring," per 891218 Tech Spec amend request. LOFLIN,L.I. Carolina Power & Light Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52540:151-52540:153.

**-9002020276** Revised Tech Spec Table 3.7-6 re area temp monitoring. \* Carolina Power & Light Co. 90/01/22. 1p. 52540:153-52540:153.

**9002050057** Forwards "Reactor Containment Bldg Integrated Leak Rate Test" conducted in Oct 1989. Util believes that packing leaks discovered are isolated failures & that repair should prevent recurrence. RICHEY,R.B. Carolina Power & Light Co. 90/01/25. Document Control Branch (Document Control Desk). 2pp. 52548:017-52548:102.

**-9002050064** "Reactor Containment Bldg Integrated Leak Rate Test." \* Carolina Power & Light Co. 89/10/31. 83pp. 52548:019-52548:102.

**9002080013** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Visual insp of respective intake structures will be performed during next scheduled refueling outages. CUTTER,A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:098-52594:102.

**9002080146** Confirms 900130 electronic transfer of second quarterly installment payments of FY90 annual fees. LOFLIN,L.I. Carolina Power & Light Co. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52589:078-52589:078.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140247** Forwards retyped Tech Spec pages re 890630 application for amend to License NPF-63 concerning RCS pressure temp limits. LOFLIN,L.I. Carolina Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52653:062-52653:066.

**-9002140248** Retyped Tech Spec pages re RCS pressure temp limits. \* Carolina Power & Light Co. 90/02/01. 4pp. 52653:063-52653:066.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002010252** Forwards Requalification Exam Rept 50-400/OL-89-02 during wks of 891003 & 09. PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/09. EURY,L.W. Carolina Power & Light Co. 2pp. 52504:192-52504:357.

**-9002010255** Requalification Exam Rept 50-400/89-02. Exam results: six reactor operators passed both written & operating exams & fourteen senior reactor operators passed both exams. ARILDSEN,J.A., CASTO,C.A. Region 2, Ofc of the Director. 89/01/08. 164pp. 52504:194-52504:357.

**9002050401** Forwards Insp Rept 50-400/89-35 on 891204-08 & notice of violation. Concern raised re failure to ensure that scope of Generic Ltr 89-04 fully reflected in inservice testing program. GIBSON,A.F. Region 2, Ofc of the Director. 90/01/12. EURY,L.W. Carolina Power & Light Co. 3pp. 52542:073-52542:094.

**-9002050404** Notice of violation from insp on 891204-08. Violations noted: check valves CS-775, CS-776 & CS-525 not exercised at least every 3 months & testing procedure for check valves CS-179, CS-207 & CS-193 did not ensure full-stroke exercising. GIBSON,A.F. Region 2, Ofc of the Director. 90/01/12. 2pp. 52542:078-52542:077.

**-9002050408** Insp Rept 50-400/89-35 on 891204-08. Violations noted. Major areas inspected: inservice testing, complex surveillance & action on previous insp findings. SPARKS,S., BELISLE,G.A. Region 2, Ofc of the Director. 90/01/11. 17pp. 52542:078-52542:094.

**9001300154** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal..." No valves subj to bulletin requirements identified at plants. CUTTER,A.B. Carolina Power & Light Co. 90/01/17. Document Control Branch (Document Control Desk). 3pp. 52489:004-52489:006.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002230120** Forwards Insp Rept 50-400/90-01 on 891226-900105. Violations noted & will be discussed at 900209 enforcement conference. EBNETER,S.D. Region 2, Ofc of the Director. 90/01/17. EURY,L. Carolina Power & Light Co. 2pp. 52716:010-52716:016.

**-9002230125** Insp Rept 50-400/90-01 on 891226-900105. Violations & one weakness noted. Major areas inspected: plant operations to review licensee activities during recent reactor startup & subsequent power escalation. TEDROW,J., SHANNON,M., DANCE,H. Region 2, Ofc of the Director. 90/01/17. 5pp. 52716:012-52716:016.

**9001310253** Ack receipt of 891208 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-400/89-23. COLLINS,D.M. Region 3, Ofc of the Director. 90/01/23. EURY,L.W. Carolina Power & Light Co. 2pp. 52503:287-52503:288.

**9001300359** Ack receipt of 900116 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-400/89-32. Implementation of corrective action will be examined during future insps. CLINE,W.E. Region 2, Ofc of the Director. 90/01/24. EURY,L.W. Carolina Power & Light Co. 2pp. 52490:307-52490:308.

**9002090019** Ack receipt of 900103 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-400/89-28. Response meets requirements of 10CFR2.201. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/24. EURY,L.W. Carolina Power & Light Co. 2pp. 52607:058-52607:059.

**9002080236** Confirms 900215 enforcement conference in Region II ofc to discuss mis-caliber excore power range neutron flux instruments. Proposed meeting agenda encl. EBNETER,S.D. Region 2, Ofc of the Director. 90/01/25. EURY,L.W. Carolina Power & Light Co. 3pp. 52594:095-52594:097.

**9002080023** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Fuel handling procedure has been revised to reflect Westinghouse guidelines to assure adequate shutdown margin maintained. CUTTER,A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52594:299-52594:301.

**9002080027** Responds to NRC Bulletin 88-008, "Thermal Stratification In Piping Connected to RCS." Design differences that either minimize potential of occurrence or enhance possibility of detection should scenario be created at plant determined. CUTTER,A.B. Carolina Power & Light Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52609:120-52609:121.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002130280** Confirms 900130 telcon re scheduled electrical distribution sys functional insp during wks of 900212, 26 & 0312. REYES,L.A. Region 2, Ofc of the Director. 90/01/31. EURY,L.W. Carolina Power & Light Co. 2pp. 52647:119-52647:120.

**9002150255** Forwards Insp Rept 50-400/89-34 on 891118-900105 & notice of violation. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/31. EURY,L. Carolina Power & Light Co. 2pp. 52677:078-52677:096.

**-9002150258** Notice of violation from insp on 891118-900105. Violation noted: Procedure OST-1004 not properly implemented in that work request not generated & course gain adjustments made. VERRELLI,D.M. Region 2, Ofc of the Director. 90/01/31. 2pp. 52677:080-52677:081.

**-9002150260** Insp Rept 50-400/89-34 on 891118-900105. Violations noted. Major areas inspected: plant operations, radiological controls, security, fire protection, surveillance observation, maint observation, LERs & sys engineer program. TEDROW,J., SHANNON,M., DANCE,H. Region 2, Ofc of the Director. 90/01/31. 15pp. 52677:082-52677:096.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002120336** Informs that planned corrective actions re violations noted in Insp Rept 50-400/89-28 will not be completed until 900301.  
RICHEY,R.B. Carolina Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52626:360-52626:360.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

**9002220128** Responds to 900112 ltr re violation noted in Insp Rept 50-400/89-35.Corrective actions:Valves ICS-775 & ICS-776 added to inservice insp program for back seat & full flow testing & ICS-525 revised to satisfy Tech Spec requirements.  
RICHEY,R.B. Carolina Power & Light Co. 90/02/09. Document Control Branch (Document Control Desk). 7pp. 52678:304-52678:310.

#### R. Periodic operating reports & related correspondence

**9002220392** Monthly operating rept for Jan 1990 for Harris Nuclear Power Plant Unit 1.W/900213 ltr.  
HALE,M.W., RICHEY,R.B. Carolina Power & Light Co. 90/01/31. 6pp. 52678:277-52678:282.

#### S. Reportable occurrences, LERs & related correspondence

**9002020031** LER 89-021-00:on 891227,ESFAS actuation occurred due to loss of main feedwater pump.Caused by personnel error.Sampling valve repaired.appropriate procedure revised & applicable personnel trained on low-flow trips.W/900126 ltr.  
SCHWABENBAUER, RICHEY,R.B. Carolina Power & Light Co. 90/01/26. 4pp. 52550:001-52550:004.

**9002130035** LER 90-001-00:on 900105,discovered that temporary change issued during Channel 2 testing of bistables & slave relays during 1988 outage incorrect.Caused by error in implementing procedure changes.Maint procedures revised.W/900205 ltr.  
SCHWABENBAUER, RICHEY,R.B. Carolina Power & Light Co. 90/02/05. 5pp. 52635:185-52635:189.

**9002130045** LER 89-023-00:on 891223,significant difference between actual & indicated reactor power level for power-range nuclear instruments noted.Caused by installation of low leakage core loading pattern w/o adjustments.W/900205 ltr.  
HOWE,A.J., RICHEY,R.B. Carolina Power & Light Co. 90/02/05. 9pp. 52635:178-52635:184.

#### V. Operator Examinations

**9002010252** Forwards Requalification Exam Rept 50-400/OL-89-02 during wks of 891003 & 09.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/09. EURY,L.W. Carolina Power & Light Co. 2pp. 52504:192-52504:357.

**-9002010255** Requalification Exam Rept 50-400/89-02.Exam results:six reactor operators passed both written & operating exams & fourteen senior reactor operators passed both exams.  
ARILDSEN,J.A. CASTO,C.A. Region 2, Ofc of the Director. 89/01/08. 164pp. 52504:194-52504:357.

**9002090032** Advises that reactor operator licensing reexam scheduled for wk of 900416.Changes to exam bank,submitted for 890821 Initial license exam should be sent by 900215.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/24. EURY,L.W. Carolina Power & Light Co. 2pp. 52599:324-52599:325.

**9002080328** Advises that requalification operating & written reexams scheduled for wk of 900416.Changes to exam bank,submitted for 891002 requalification exam,should be sent by 900215.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/26. EURY,L.W. Carolina Power & Light Co. 6pp. 52593:175-52593:180.

#### DOCKET 50-409 LA CROSSE BOILING WATER REACTOR

##### P. Operating license stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

##### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001230128** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### S. Reportable occurrences, LERs & related correspondence

**9002220733** LER 90-001-00:on 900115,discovered that weekly battery tests for batteries supplying dc buses,emergency diesel generators & high pressure svc diesels not performed for wk of 890312-18.Second electrician hired.W/900205.  
CHRISTIANS,R.E., BERG,W.L. Dairyland Power Cooperative. 90/02/05. 3pp. 52712:272-52712:274.

**9002230035** LER 90-002-00:on 900115,discovered that data recorded for 18-month surveillance test of diesel bldg battery charger, completed on 871005,showed less than 50 amperes for 4 consecutive hours.Memo issued to personnel.W/900206 ltr.  
CHRISTIANS,R.E., BERG,W.L. Dairyland Power Cooperative. 90/02/07. 3pp. 52713:071-52713:073.

#### DOCKET 50-410 NINE MILE POINT NUCLEAR STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

**9002070442** Requests completion of encl survey designed to provide hardware,communications,data point & administrative info necessary for contractor to design emergency response data sys interface & data base for plant.  
JOLICOEUR,J.R. Incident Response Branch. 90/01/30. MURNEY,R. Niagara Mohawk Power Corp. 66pp. 52593:089-52593:154.

##### P. Operating license stage documents & correspondence

**9002090179** Informs that util responses to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," will be delayed until 900216.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/01/29. Document Control Branch (Document Control Desk). 1p. 52614:031-52614:031.

**9002080121** Advises that 8 of 9 open verification items re Rev 1 to updated SAR completed & will be incorporated into updated SAR,Rev 2.Verification efforts for Question & Response F240.10-1 not completed.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52594:298-52594:298.

**9002070289** Informs that licensee 891031 response to Generic Ltr 88-20, "Individual Plant Exams," acceptable.NRC should be notified if schedule changes.  
MARTIN,R.E. Project Directorate I-1. 90/01/31. BURKHARDT,L. Niagara Mohawk Power Corp. 2pp. 52604:203-52604:204.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140260** Forwards Rev 5 to NMPC-QATR-1, "QA Topical Rept for Nine Mile Point Nuclear Station Operations."  
PERRY,J.A. Niagara Mohawk Power Corp. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52652:269-52652:355.

**-9002140265** Rev 5 to NMPC-QATR-1, "QA Topical Rept for Nine Mile Point Nuclear Station Operations."  
PERRY,J.A. Niagara Mohawk Power Corp. 90/01/31. 81pp. 52652:272-52652:355.

##### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

## 130 DOCKETED ITEMS

**9002010018** Responds to NRC Bulletin 89-002 re Anchor/Darling Model S350W swing check valves w/retaining block studs of stainless steel.No subj valves installed in safety-related applications.Other Anchor/Darling valves installed at plant.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/01/18. Document Control Branch (Document Control Desk). 1p. 52531:357-52531:357.

**9001300317** Forwards Insp Repts 50-220/89-30 & 50-410/89-19 on 891019-1213 & notice of violation.No response to notice required because prompt corrective action taken & actions found satisfactory by resident inspectors.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/01/23. BURKHARDT,L. Niagara Mohawk Power Corp. 2pp. 52468:109-52468:127.

**-9001300320** Insp Repts 50-220/89-30 & 50-410/89-19 on 891019-1213. Violation noted.Major areas inspected:Unit 1 reload preparations & Unit 2 power operations,plant tours,safety sys walkdowns,surveillance & maint reviews & LER reviews.  
MEYER,G.W. Region 1, Ofc of the Director. 90/01/19. 16pp. 52468:112-52468:127.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002070208** Forwards Insp Repts 50-220/89-28 & 50-410/89-24 on 891023-27.No violations or deficiencies noted.  
HODGES,M.W. Region 1, Ofc of the Director. 90/01/29. BURKHARDT,L. Niagara Mohawk Power Corp. 2pp. 52612:306-52612:313.

**-9002070211** Insp Repts 50-220/89-28 & 50-410/89-24 on 891023-27 & 1201-1231.No violations or deficiencies noted.Major areas inspected:review of open items from Unit 1,including items involving torus wall corrosion monitoring program.  
KAPLAN,H.J., CHAUDHARY,S., STROSNIDER,J.R. Region 1, Ofc of the Director. 90/01/29. 6pp. 52612:308-52612:313.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230100** Forwards Insp Repts 50-220/89-08 & 50-410/89-08 on 890907- 1018 & notice of violation.Enforcement conference will be scheduled to further discuss findings & assess safety significance of sys inspected.  
KANE,W.F. Region 1, Ofc of the Director. 90/02/06. BURKHARDT,L. Niagara Mohawk Power Corp. 3pp. 52714:251-52714:285.

**-9002230108** Notice of violation from insp on 890907-1018.Violation noted:emergency diesel generator control room unit cooler declared operable & no post-maint test performed.  
\* Region 1, Ofc of the Director. 90/02/06. 1p. 52714:254-52714:254.

**-9002230122** Insp Repts 50-220/89-08 & 50-410/89-08 on 890907-1018. Violation noted.Major areas inspected:Unit 1 refueling activities & Unit 2 power operations & licensee action on previously identified items.  
MEYER,G.W. Region 1, Ofc of the Director. 90/02/05. 31pp. 52714:255-52714:285.

### R. Periodic operating reports & related correspondence

**9002060396** Forwards revised monthly operating rept for Dec 1989 for Nine Mile Point Unit 2.  
WILLIS,J.L. Niagara Mohawk Power Corp. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52590:209-52590:213.

**-9002130125** Revised monthly operating rept for Dec 1989 for Nine Mile Point Unit 2.  
SAUNDERSON,R. Niagara Mohawk Power Corp. 89/12/31. 4pp. 52590:210-52590:213.

### S. Reportable occurrences, LERs & related correspondence

**9001300190** LER 89-042-00:on 891217,normal reactor bldg ventilation manually isolated & standby gas treatment sys initiated due to loss of reactor bldg differential pressure.Caused by fouled contacts on switch.Valve pinned open.W/900118 ltr.  
COLOMB,M.J., WILLIS,J.L. Niagara Mohawk Power Corp. 90/01/16. 5pp. 52494:077-52494:081.

**9002070108** LER 90-001-00:on 900103,Div 1 control room special filter train started automatically by radiation monitor trip. Apparently caused by electrical interference of chiller breaker.Chiller repaired.W/900130 ltr.  
COLOMB,M.J., WILLIS,J.L. Niagara Mohawk Power Corp. 90/01/30. 6pp. 52590:102-52590:107.

### T. Hearing transcripts on non-antitrust matters

**9002020062** Forwards Rosenthal Investigation 89-02,second interim rept, for placement in PDR.Rept release approved by Commission.  
SHOWMAN,S. Office of the Secretary of the Commission. 90/01/29. Public Document Branch. 1p. 52524:134-52524:057.

**-9002020113** Submits addl info to suppl & clarify 890315 testimony on R Fortuna matter.  
HAYES,B.B. Ofc of Investigations (Post 880201). 89/03/21. ROSENTHAL,A.S. NRC - No Detailed Affiliation Given. 1p. 52524:135-52524:135.

**-9002020126** Interim rept of Investigation 89-02 instituted in Aug 1988 re conduct of RA Fortuna.  
ROSENTHAL,A.S. NRC - No Detailed Affiliation Given. 89/09/21. 66pp. 52524:136-52524:044.

**-9002020131** Transcript of 890315 investigative interview of BB Hayes in Bethesda,MD.Pp 1-100.Related correspondence encl.  
\* Ofc of Investigations (Post 880201). 89/03/15. 103pp. 52524:202-52524:304.

**-9002020133** Transcript of 890320 interview of C White in Bethesda,MD. Pp 1-109.Related documentation encl.  
\* Commissioners. 89/03/20. 111pp. 52524:305-52525:055.

**-9002020134** Corrected transcript of 890322 investigative interview of W Hutchison in Bethesda,MD.Pp 1-59.Related documentation encl.  
\* Ofc of Investigations (Post 880201). 89/03/22. 61pp. 52525:056-52525:116.

**-9002020135** Corrected transcript of 890322 investigative interview of RA Fortuna in Bethesda,MD.Pp 1-211.W/related documentation.  
FORTUNA,R.A. Ofc of Investigations (Post 880201). 89/03/22. 288pp. 52525:117-52526:044.

**-9002020139** Submits suppl to interim rept of Investigation 89-02 in matter of RA Fortuna.  
ROSENTHAL,A.S. NRC - No Detailed Affiliation Given. 89/10/18. CARR, ROBERTS, ROGERS Commissioners. 3pp. 52526:045-52526:047.

**-9002020141** Forwards JB Hyland rept on review of interim rept & tape recording of 870114 telcon between Fortuna & Comley for consideration.  
MALSCH,M.G. Office of Inspector General (Post 890417). 89/11/17. Commissioners. 1p. 52526:048-52526:057.

**-9002020143** Discusses review of matls & documents re allegations against RA Fortuna & forwards rept.  
HYLAND,J.B. Affiliation Not Assigned. 89/11/07. MALSCH,M.G. Office of Inspector General (Post 890417). 1p. 52526:049-52526:049.

**-9002020145** Discusses findings re RA Fortuna alleged misconduct.  
HYLAND,J.B. NRC - No Detailed Affiliation Given. 89/11/07. MALSCH,M.G. Office of Inspector General (Post 890417). 8pp. 52526:050-52526:057.

### V. Operator Examinations

**9002140257** Forwards revised NRC Forms 398, "Personal Qualifications Statement - Licensee" & 396, "Certification of Medical Exam by Facility Licensee," respectively.Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. BURKHARDT,L. Niagara Mohawk Power Corp. 8pp. 52653:226-52653:233.

**9002010345** Advises that senior reactor operator licensing written exams scheduled on 900228 & operating exams on 900227-0302.Exams will be limited to fuel handling.Ref matl listed on encl, should be provided by 900212.  
CONTE,R.J. Region 1, Ofc of the Director. 90/01/19. BURKHARDT,L. Niagara Mohawk Power Corp. 11pp. 52523:310-52523:320.

**9002140120** Discusses generic fundamentals exam section of written operator licensing exam per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. BURKHARDT,L. Niagara Mohawk Power Corp. 8pp. 52651:347-52651:354.

**9002090118** Requests encl ref matl requirements for evaluation of requalification program & licensed personnel scheduled for wk of 900430.Info re administration of re-qualification exams & NRC rules & guidance for examinees also encl.  
CONTE,R.J. Region 1, Ofc of the Director. 90/01/31. BURKHARDT,L. Niagara Mohawk Power Corp. 8pp. 52599:075-52599:082.

### DOCKET 50-412 BEAVER VALLEY POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9002080317** Forwards description of scope & objectives for full-scale annual exercise to be conducted on 900501.Comments re objectives should be provided by 900302.W/o encl.  
SIEBER,J.D. Duquesne Light Co. 90/01/23. LAZARUS,W. Region 1, Ofc of the Director. 2pp. 52609:248-52609:249.

**9002130025** Forwards Rev 9 to Issue 4 to physical security plan.Rev withheld (ref 10CFR2.790(d) & 73.21).  
SIEBER,J.D. Duquesne Light Co. 90/02/01. Document Control Branch (Document Control Desk). 1p. 52628:044-52628:044.

**9002160181** Forwards Safety Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12.No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/07. SIEBER,J.D. Duquesne Light Co. 2pp. 52670:087-52670:096.

**-9002160185** Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12.No violations noted.Major areas inspected:fire protection/ prevention program,including program administration,fire brigade training,QA audits & surveillance tests.  
LARA,J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52670:089-52670:096.



**P. Operating license stage documents & correspondence**

- 9002020251** Advises that licensee 891228 response confirmed that schedule & recommendations in Generic Ltr 89-10 re motor-operated valve testing & surveillance will be met. Program verification will be addressed via regional insps.  
TAM,P.S. Project Directorate I-4. 90/01/10. STOLZ,F. Project Directorate I-4. 1p. 52524:126-52524:126.
- 9002020174** Advises that licensee 890223 & 0317 responses to Generic Ltr 88-17 re programmed enhancements for loss of DHR appears to meet intent of ltr but lacks detail. Util suggested to consider listed items to assure required actions addressed.  
TAM,P.S. Project Directorate I-4. 90/01/24. SIEBER,J.D. Duquesne Light Co. 3pp. 52540:071-52540:073.
- 9002080119** Responds to recommended actions of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plant sys will be maintained in compliance w/10CFR50, App A, GDC 44, GDC 45 & GD 46 App B, Section XI.  
SIEBER,J.D. Duquesne Light Co. 90/01/29. Document Control Branch (Document Control Desk). 16pp. 52594:246-52594:261.
- 9002020177** Informs of closeout of TAC 73439 re hydrogen gas accumulation in charging pump piping, based on listed reasons, including that no standing request for approval from licensee exists.  
TAM,P.S. Project Directorate I-4. 90/01/30. STOLZ,J.F. Project Directorate I-4. 5pp. 52540:105-52540:109.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002140138** Forwards Amend 26 to License NPF-73 & safety evaluation. Amend changes qualification requirements for independent safety evaluation group.  
TAM,P.S. Project Directorate I-4. 90/02/05. SIEBER,J.D. Duquesne Light Co. 4pp. 52650:206-52650:216.
- 9002140141** Amend 26 to License NPF-73, changing Tech Specs re independent safety evaluation group qualification requirements.  
STOLZ,J.F. Project Directorate I-4. 90/02/05. 4pp. 52650:210-52650:213.
- 9002140142** Safety evaluation supporting Amend 26 to License NPF-73.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 3pp. 52650:214-52650:216.
- 9002130193** Notification of 900222 meeting w/util in Rockville, MD to discuss licensee 890414 ltr re station blackout issues.  
TAM,P.S. Project Directorate I-4. 90/02/07. STOLZ,J.F. Project Directorate I-4. 2pp. 52648:187-52648:188.
- 9002150243** Forwards application for amendments to Licenses DPR-66 & NPF-73, adding requirement that 120-volt ac vital busses be energized from inverters connected to associated dc busses.  
SIEBER,J.D. Duquesne Light Co. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52675:131-52675:141.
- 9002150250** Application for amendments to Licenses DPR-66 & NPF-73, revising ac distribution - operating spec to more closely resemble wording contained in STS.  
SIEBER,J.D. Duquesne Light Co. 90/02/07. 1p. 52675:133-52675:133.
- 9002150251** Proposed Tech Specs revising ac distribution - operating spec to more closely resemble wording contained in STS.  
\* Duquesne Light Co. 90/02/07. 8pp. 52675:134-52675:141.

**Q. Inspection reports, IE Bulletins & correspondence**

- 9002020251** Advises that licensee 891228 response confirmed that schedule & recommendations in Generic Ltr 89-10 re motor-operated valve testing & surveillance will be met. Program verification will be addressed via regional insps.  
TAM,P.S. Project Directorate I-4. 90/01/10. STOLZ,F. Project Directorate I-4. 1p. 52524:126-52524:126.
- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:256.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9002120308** Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures for plant will be revised prior to next refueling outage.  
SIEBER,J.D. Duquesne Light Co. 90/01/30. Document Control Branch (Document Control Desk). 5pp. 52607:008-52607:012.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSP Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:462.
- 9002070382** Forwards Combined Insp Repts 50-334/90-05 & 50-412/90-04 on 900129 & notice of violation.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/01/31. SIEBER,J.D. Duquesne Light Co. 3pp. 52587:252-52587:257.

**-9002070387** Notice of violation from insp on 900129. Violation noted: licensee shipped SeaVan containing contaminated scaffolding to Oak Ridge, TN w/two holes in sides created during transit due to load shifting within van.  
\* Region 1, Ofc of the Director. 90/01/31. 1p. 52587:255-52587:255.

**-9002070388** Combined Insp Repts 50-334/90-05 & 50-412/90-04 on 900129. Violations noted. Major areas inspected: review of circumstances surrounding shipment of scaffolding to Quadrex Recycle Ctr, Oak Ridge, TN on 900110.  
FURIA,J., BORES,R. Region 1, Ofc of the Director. 90/01/30. 2pp. 52587:256-52587:257.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160181** Forwards Safety Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12. No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/07. SIEBER,J.D. Duquesne Light Co. 2pp. 52670:087-52670:096.

**-9002160185** Insp Repts 50-334/90-01 & 50-412/90-01 on 900108-12. No violations noted. Major areas inspected: fire protection/ prevention program, including program administration, fire brigade training, QA audits & surveillance tests.  
LARA,J., ANDERSON,C.J. Region 1, Ofc of the Director. 90/02/01. 8pp. 52670:089-52670:096.

**9002230445** Forwards Safety Insp Repts 50-334/89-25 & 50-412/89-23 on 891204-08 & notice of deviation.  
HODGES,M.W. Region 1, Ofc of the Director. 90/02/07. SIEBER,J.D. Duquesne Light Co. 2pp. 52702:016-52702:032.

**-9002230449** Notice of deviation from insp on 891204-08. Deviation noted: installed instrumentation for Unit 1 steam generator level wide range has no isolation device between instrument loops & Unit 2 stated records not seismically qualified.  
\* Region 1, Ofc of the Director. 90/02/07. 2pp. 52702:018-52702:019.

**-9002230451** Insp Repts 50-334/89-25 & 50-412/89-23 on 891204-08. Deviations noted. Major areas inspected: licensee implementation of Reg Guide 1.97, Rev 3 for post-accident monitoring instrumentation.  
PAOLINO,R.J., ANDERSON,C.J. Region 1, Ofc of the Director. 90/02/07. 13pp. 52702:020-52702:032.

**R. Periodic operating reports & related correspondence**

- 9002080157** Forwards "NPDES Discharge Monitoring Rept" for Dec 1989 & 900125 reportable occurrence rept for EPA Permit PA0025615.  
DULICK,A.M. Duquesne Light Co. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52608:319-52608:344.
- 9002080231** "NPDES Discharge Monitoring Rept" for Dec 1989.  
DULICK,A.M. Duquesne Light Co. 89/12/31. 18pp. 52608:322-52608:342.

**S. Reportable occurrences, LERs & related correspondence**

- 9001300398** LER 89-009-01 on 890413. Temporary protection covers found on five temp elements during test of high energy line break temp elements. Caused by deficiency in surveillance program. Covers immediately removed from temp elements. W/900123 ltr.  
NOONAN,T.P. Duquesne Light Co. 90/01/23. 5pp. 52494:126-52494:130.
- 9002080157** Forwards "NPDES Discharge Monitoring Rept" for Dec 1989 & 900125 reportable occurrence rept for EPA Permit PA0025615.  
DULICK,A.M. Duquesne Light Co. 90/01/25. Document Control Branch (Document Control Desk). 3pp. 52608:319-52608:344.
- 9002080233** NPDES noncompliance notification: Discharge 103 exceeded monthly average spec re total suspended solids. Investigation proved that entire surface of basin froze. Removal of sludge from basin began on 900102.  
DULICK,A.M. Duquesne Light Co. 90/01/25. 2pp. 52608:343-52608:344.
- 9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.
- 9002120340** LER 90-001-00 on 900107. High radiation alarm received on steam generator blowdown (SGBD) sample radiation monitor, causing SGBD sys isolation. Caused by crud particles swept into monitor. Monitor purged & returned to svc. W/890206 ltr.  
NOONAN,T.P. Duquesne Light Co. 90/02/06. 6pp. 52635:238-52635:243.

**V. Operator Examinations**

- 9002140149** Forwards revised NRC Forms 398 & 396 re personal qualifications statement & certification of medical exam by facility licensee, respectively. All applications for licenses to be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. SIEBER,J.D. Duquesne Light Co. 8pp. 52653:320-52653:327.



## 132 DOCKETED ITEMS

### DOCKET 50-413 CATAWBA NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

- 9002010169** Forwards public version of Rev 24 to Directive 3.8.4, "Onsite Emergency Organization."  
TUCKER,H.B. Duke Power Co. 90/01/10. Document Control Branch (Document Control Desk). 3pp. 52523:195-52523:239.
- 9002010176** Public version of Rev 24 to Station Directive 3.8.4, "Onsite Emergency Organization."  
\* Duke Power Co. 89/12/29. 41pp. 52523:198-52523:239.
- 9002060243** Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan." W/900131 release memo.  
TUCKER,H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.
- 9002060249** Public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 273pp. 52561:011-52561:283.
- 9001310315** Advises that 891213 Rev 25 to physical security plan consistent w/provisions of 10CFR50.54(b) & acceptable.  
CLINE,W.E. Region 2, Ofc of the Director. 90/01/22. TUCKER,H.B. Duke Power Co. 3pp. 52503:190-52503:192.
- 9002010317** Forwards SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989.Overall level of performance exceeded that needed to meet regulatory requirements.Improvement in emergency preparedness & plant operations noted.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/01/23. TUCKER,H.B. Duke Power Co. 4pp. 52531:289-52531:319.
- 9002010321** SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989.Overall level of performance exceeded regulatory requirements.  
\* Region 2, Ofc of the Director. 90/01/23. 27pp. 52531:293-52531:319.
- 9002230482** Advises that 900102 Rev 33 to crisis mgt plan consistent w/provisions of 10CFR50.47(b) & acceptable.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/06. TUCKER,H.B. Duke Power Co. 4pp. 52714:211-52714:214.
- 9002150275** Forwards Rev 10 to safeguards contingency plan.Rev withheld (ref 10CFR73.21).  
TUCKER,H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52676:200-52676:200.
- 9002150276** Forwards Rev 26 to physical security plan.Rev withheld (ref 10CFR73.21).  
TUCKER,H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52676:266-52676:266.

#### P. Operating license stage documents & correspondence

- 9001310209** Forwards proprietary Rev 1 to DPC-NE-2001, "Fuel Mechanical Reload Analysis Methodology for MARK-BW Fuel," adding section re ECCS analysis interface criteria & making associated administrative changes.Rev withheld.  
TUCKER,H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:185-52503:186.
- 9002060106** Forwards Amends 69 & 63 to Licenses NPF-35 & NPF-52, respectively.Amends modify Tech Specs 3/4.9.8.1 & 3/4.9.8.2 & associated bases to reduce required RHR sys flow rate during Mode 6 operation when RCS partially drained.  
JABBOUR,K.N. Project Directorate II-3. 90/01/23. TUCKER,H.B. Duke Power Co. 4pp. 52555:103-52555:117.
- 9002060107** Amends 69 & 63 to Licenses NPF-35 & NPF-52, respectively, modifying Tech Specs 3/4.9.8.1 & 3/4.9.8.2 & associated bases to reduce required RHR sys flow rate during Mode 6 operation,when RCS partially drained.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/23. 9pp. 52555:107-52555:115.
- 9002060109** Safety evaluation supporting Amends 69 & 63 to Licenses NPF-35 & NPF-52, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 2pp. 52555:116-52555:117.
- 9002010058** Requests approval to use Alloy 890 plugs as alternative to requirements of 10CFR55(a), codes & stds for plants prior to 900226.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.
- 9002060092** Advises that util 891101 response to Generic Ltr 88-20 re Individual plant exams acceptable.Anticipates that add analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/24. TUCKER,H.B. Duke Power Co. 3pp. 52559:176-52559:178.
- 9002070144** Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52587:02.
- 9002020199** Forwards application for NPDES permit for storm water discharge at plant.  
TUCKER,H.B. Duke Power Co. 90/01/25. JOY,J.A. South Carolina, State of. 7pp. 52528:309-52528:315.
- 9002080198** Withdraws 890104 request for amends to Licenses NPF-35 & NPF-52,deleting auxiliary feedwater,steam generator wet layup & main feedwater isolation valves from Tech Spec Table 3.6-2.  
TUCKER,H.B. Duke Power Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52589:051-52589:051.

- 9002060038** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.
- 9002050362** Forwards summaries of latest ECCS evaluation model changes.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52547:255-52547:258.
- 9002120298** Advises of EPRI release of Mod 2 of VIPRE-01 computer code which util intends to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 9pp. 52626:349-52626:357.
- 9002120365** Forwards proprietary "Safety Analysis Physics Parameters & Multidimensional Reactor Transients Methodology." Three repts describing EPRI computer code also encl.Proprietary rept withheld (ref 10CFR2.790).  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 6pp. 52644:012-52644:320.
- 9002140192** Advises that 900117 license amend request to remove certain cycle-specific parameter limits from Tech Specs inadvertently utilized outdated Tech Specs pages.Requests that Tech Specs changes made via Amends 101/83 be deleted.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52655:274-52655:276.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002130031** Summary of 900116-17 interface meeting w/util at site re licensing & regulatory issues.List of attendees,handouts & agenda encl.  
WIENSLA, Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.
- 9002140195** Application for amends to Licenses NPF-35 & NPF-52,changing allowable tolerance value for lift setting of steam line safety valves in Tech Spec Table 3.7-2.  
OWEN,W.H. Duke Power Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52650:338-52650:351.
- 9002140197** Proposed Tech Specs,changing allowable tolerance value for lift setting of steam line safety valves.  
\* Duke Power Co. 90/02/05. 11pp. 52650:341-52650:351.
- 9002160224** Forwards EGG-NTA-8702, "Technical Evaluation Rept TMI Action-NUREG-0737 (II.D.1) Relief & Safety Valve Testing." Rept indicates that util has met all II.D.1 requirements w/ exception of one open item.  
JABBOUR,K.N. Project Directorate II-3. FIN A-6492. 90/02/05. TUCKER,H.B. Duke Power Co. 2pp. 52658:104-52658:140.
- 9001120312** "Technical Evaluation Rept,TMI Action-NUREG-0737 (II.D.1), Relief & Safety Valve Testing,Catawba Nuclear Station,Units 1 & 2."  
FINEMAN,C.P., NALEZNY,C.L. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FINEMAN,C.P. Idaho National Engineering Laboratory. FIN A-6492. EGG-NTA-8702. 89/11/30. NRC - No Detailed Affiliation Given. 35pp. 52658:106-52658:140.
- 9002130340** Confirms verbal granting of temporary waiver of compliance w/Tech Spec Table 3.7-2 for lift setting of steam line safety valves for Unit 2,per 900205 request.  
HEHL,C.W. Assistant Director for Region II Reactors. 90/02/06. TUCKER,H.B. Duke Power Co. 2pp. 52648:196-52648:197.
- 9002220322** Application for amends to Licenses DPR-38,DPR-47,DPR-55, NPF-9,NPF-17,NPF-35 & NPF-52.Amends involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.
- 9002220333** Proposed Tech Specs,relocating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 256pp. 52667:133-52668:028.
- 9002220332** Application for amends to Licenses NPF-35 & NPF-52,changing Tech Spec Design Feature 5.3.2 to allow operation w/up to one Inconel-clad rod cluster control assembly in Unit 2 core for future replacement w/Westinghouse 17x17 assembly.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52696:025-52696:032.
- 9002220335** Proposed Tech Specs re design pressure & temp for fuel assemblies & control rod assemblies.  
\* Duke Power Co. 90/02/07. 5pp. 52696:028-52696:032.

#### Q. Inspection reports, IE Bulletins & correspondence

- 9001300098** Forwards Requalification Exam Rept 50-413/OL-89-02 administered during wks of 890821 & 0904.Written exams & answer keys,evaluation rept,table summarizing exam results & simulator fidelity rept also encl.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/09. TUCKER,H.B. Duke Power Co. 2pp. 52490:328-52491:234.
- 9001300100** Requalification Exam Rept 50-413/OL-89-02 conducted during wks of 890821 & 0904.Exam results:all 10 reactor operators, eight out of 14 senior reactor operators & two out of six crews passed exams.  
BALDWIN,R.S., CASTO,C.A. Region 2, Ofc of the Director. 90/01/09. 225pp. 52490:330-52491:234.
- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310152 Submits correction to error in 891002 response to NRC 890831 ltr re violation noted in Insp Repts 50-413/89-19 & 50-414/89-19. Completion date for corrective actions is 910101 not 900101.  
TUCKER, H.B. Duke Power Co. 90/01/17. Document Control Branch (Document Control Desk). 1p. 52504:138-52504:138.

9002010317 Forwards SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989. Overall level of performance exceeded that needed to meet regulatory requirements. Improvement in emergency preparedness & plant operations noted.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. TUCKER, H.B. Duke Power Co. 4pp. 52531:289-52531:319.

-9002010321 SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989. Overall level of performance exceeded regulatory requirements.  
\* Region 2, Ofc of the Director. 90/01/23. 27pp. 52531:289-52531:319.

9002140073 Forwards Exam Rept 50-413/OL-89-03 administered on 891030-1103.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24. TUCKER, H.B. Duke Power Co. 2pp. 52652:106-52652:268.

-9002140076 Exam Rept 50-413/OL-89-03 on 891030-1103. Exam results: all candidates passed written & operating exams.  
BALDWIN, R.S., CASTO, C.A. Region 2, Ofc of the Director. 90/01/23. 139pp. 52652:106-52652:246.

-9002140078 Forwards comments & refs re post-exam review of senior reactor operator & reactor operator exams administered on 891030.  
OWEN, T.B. Duke Power Co. 89/11/02. BALDWIN, R.S. NRC - No Detailed Affiliation Given. 22pp. 52652:247-52652:268.

9002070097 Forwards Insp Repts 50-413/89-36 & 50-414/89-36 on 891203-30. Violations noted.  
HERDT, A.R. Region 2, Ofc of the Director. 90/01/26. TUCKER, H.B. Duke Power Co. 3pp. 52592:268-52592:280.

-9002070100 Insp Repts 50-413/89-36 & 50-414/89-36 on 891203-30. No violations noted. Major areas inspected: review of plant operations, surveillance observation, maintenance, review of LERs & fitness-for-duty program training implementation.  
ORDERS, W.T., LESSER, M.S., HOPKINS, P.C. Region 2, Ofc of the Director. 90/01/26. 10pp. 52592:271-52592:280.

9002080127 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedure for core reloading revised to include implementation of design engineering analyses.  
TUCKER, H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:4062.

9002080234 Responds to NRC 891219 notice of violation & imposition of civil penalty re Insp Repts 50-413/89-25 & 50-414/89-25. Corrective actions: linkage visually inspected & manually exercised to assess freedom of movement.  
TUCKER, H.B. Duke Power Co. 90/01/31. Ofc of Enforcement (Post 870413). 19pp. 52599:001-52599:019.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:236-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licenses." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002230315 Forwards Insp Rept 50-413/90-01 & 50-414/90-01 on 900108-11 & notices of violation & deviation.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 5pp. 52701:143-52701:161.

-9002230373 Notice of violation from insp on 900108-11. Violation noted: licensee failed to request relief from meeting vibration meter accuracy value contained in ASME Section XI.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. 2pp. 52701:148-52701:149.

-9002230374 Notice of deviation from insp on 900108-11. Deviation noted: licensee corrective action to place stem bolt & washer on component cooling water sys pumps suction & discharge valves completed approx 120 days beyond committed date.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. 1p. 52701:150-52701:150.

-9002230376 Insp Repts 50-413/90-01 & 50-414/90-01 on 900108-11. Violations or deviations noted. Major areas inspected: followup to operational safety team insp.  
BRESLAU, B., MELLEN, L., KELLOGG, P. Region 2, Ofc of the Director. 90/02/05. 11pp. 52701:151-52701:161.

9002220562 Responds to NRC 891026 ltr re weaknesses noted in Insp Repts 50-413/89-27 & 50-414/89-27 on failure to comply w/Generic Ltr 89-04 for inservice testing program. Review of all check valves re backflow testing will be completed by 910101.  
TUCKER, H.B. Duke Power Co. 90/02/14. Document Control Branch (Document Control Desk). 3pp. 52696:136-52696:138.

## R. Periodic operating reports & related correspondence

9001300327 Forwards monthly operating repts for Dec 1989 for Catawba Nuclear Station, Units 1 & 2. Revised Nov 1989 rept encl.  
TUCKER, H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52492:344-52492:355.

-9001300371 Monthly operating repts for Dec 1989 for Catawba Nuclear Station, Units 1 & 2.  
WILLIAMS, R.A. Duke Power Co. 89/12/31. 10pp. 52492:345-52492:354.

-9001300373 Revised monthly operating rept for Nov 1989 for Catawba Nuclear Station, Units 1 & 2.  
\* Duke Power Co. 89/11/30. 1p. 52492:355-52492:355.

## S. Reportable occurrences, LERs & related correspondence

9002120039 LER 90-002-00: on 900103, containment air return fan 1B failed to start during quarterly test & breaker F01A in motor control ctr discovered open. Caused by inappropriate operator action. Lockout breakers closed. W/900202 ltr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/02/02. 13pp. 52598:108-52598:120.

9002130347 LER 90-001-00: on 891116, potential concern identified w/ pressurizer safety valve blowdown being greater than assumed in safety analyses. Caused by functional design deficiency. Also reportable per Part 21.W/900202 ltr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/02/02. 8pp. 52637:039-52637:046.

## V. Operator Examinations

9001300098 Forwards Requalification Exam Rept 50-413/OL-89-02 administered during wks of 890821 & 0904. Written exams & answer keys, evaluation rept, table summarizing exam results & simulator fidelity rept also encl.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/09. TUCKER, H.B. Duke Power Co. 2pp. 52490:328-52490:234.

-9001300100 Requalification Exam Rept 50-413/OL-89-02 conducted during wks of 890821 & 0904. Exam results: all 10 reactor operators, eight out of 14 senior reactor operators & two out of six crews passed exams.  
BALDWIN, R.S., CASTO, C.A. Region 2, Ofc of the Director. 90/01/09. 225pp. 52490:330-52490:234.

9002090027 Requests submittal of ref matls listed in encl for requalification retake exam scheduled for wk of 900326 by 900226.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24. TUCKER, H.B. Duke Power Co. 7pp. 52607:349-52607:355.

9002140073 Forwards Exam Rept 50-413/OL-89-03 administered on 891030-1103.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24. TUCKER, H.B. Duke Power Co. 2pp. 52652:106-52652:268.

-9002140076 Exam Rept 50-413/OL-89-03 on 891030-1103. Exam results: all candidates passed written & operating exams.  
BALDWIN, R.S., CASTO, C.A. Region 2, Ofc of the Director. 90/01/23. 139pp. 52652:108-52652:246.

-9002140078 Forwards comments & refs re post-exam review of senior reactor operator & reactor operator exams administered on 891030.  
OWEN, T.B. Duke Power Co. 89/11/02. BALDWIN, R.S. NRC - No Detailed Affiliation Given. 22pp. 52652:247-52652:268.

## DOCKET 50-414 CATAWBA NUCLEAR STATION, UNIT 2

## F. Security, medical, emergency & fire protection plans

9002010169 Forwards public version of Rev 24 to Directive 3.8.4, "Onsite Emergency Organization."  
TUCKER, H.B. Duke Power Co. 90/01/10. Document Control Branch (Document Control Desk). 3pp. 52523:195-52523:239.

-9002010176 Public version of Rev 24 to Station Directive 3.8.4, "Onsite Emergency Organization."  
\* Duke Power Co. 89/12/29. 41pp. 52523:198-52523:239.

9002060243 Forwards public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan." W/900131 release memo.  
TUCKER, H.B. Duke Power Co. 90/01/18. Document Control Branch (Document Control Desk). 2pp. 52561:008-52561:283.

-9002060249 Public version of Rev 33 to Crisis Mgt Implementing Procedure CMIP-1, "Recovery Manager & Immediate Staff" & Rev 24 to CMIP-2, "News Group Plan."  
\* Duke Power Co. 90/01/18. 273pp. 52561:011-52561:283.

9001310315 Advises that 891213 Rev 25 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
CLINE, W.E. Region 2, Ofc of the Director. 90/01/22. TUCKER, H.B. Duke Power Co. 3pp. 52503:190-52503:192.

9002010317 Forwards SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989. Overall level of performance exceeded that needed to meet regulatory requirements. Improvement in emergency preparedness & plant operations noted.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/01/23. TUCKER, H.B. Duke Power Co. 4pp. 52531:289-52531:319.

## 134 DOCKETED ITEMS

—9002010321 SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989. Overall level of performance exceeded regulatory requirements.  
\* Region 2, Ofc of the Director. 90/01/23. 27pp. 52531:293-52531:319.

9002230482 Advises that 900102 Rev 33 to crisis mgt plan consistent w/provisions of 10CFR50.47(b) & acceptable.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/06. TUCKER,H.B. Duke Power Co. 4pp. 52714:211-52714:214.

9002150275 Forwards Rev 10 to safeguards contingency plan.Rev withheld (ref 10CFR73.21).  
TUCKER,H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52676:200-52676:200.

9002150278 Forwards Rev 26 to physical security plan.Rev withheld (ref 10CFR73.21).  
TUCKER,H.B. Duke Power Co. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52676:266-52676:266.

### P. Operating license stage documents & correspondence

9001310209 Forwards proprietary Rev 1 to DPC-NE-2001, "Fuel Mechanical Reload Analysis Methodology for MARK-BW Fuel," adding section re ECCS analysis interface criteria & making associated administrative changes.Rev withheld.  
TUCKER,H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:185-52503:186.

9002060106 Forwards Amends 69 & 63 to Licenses NPF-35 & NPF-52, respectively.Amends modify Tech Specs 3/4.9.8.1 & 3/4.9.8.2 & associated bases to reduce required RHR sys flow rate during Mode 6 operation when RCS partially drained.  
JABBOUR,K.N. Project Directorate II-3. 90/01/23. TUCKER,H.B. Duke Power Co. 4pp. 52555:103-52555:117.

—9002060107 Amends 69 & 63 to Licenses NPF-35 & NPF-52, respectively, modifying Tech Specs 3/4.9.8.1 & 3/4.9.8.2 & associated bases to reduce required RHR sys flow rate during Mode 6 operation,when RCS partially drained.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/23. 9pp. 52555:107-52555:115.

—9002060109 Safety evaluation supporting Amends 69 & 63 to Licenses NPF-35 & NPF-52, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 2pp. 52555:116-52555:117.

9002010058 Requests approval to use Alloy 690 plugs as alternative to requirements of 10CFR55(a),codes & stds for plants prior to 900226.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 4pp. 52531:125-52531:128.

9002060092 Advises that until 891101 response to Generic Ltr 88-20 re individual plant exams acceptable.Anticipates that add analysis or reporting requirements will not have adverse effect on schedule.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/24. TUCKER,H.B. Duke Power Co. 3pp. 52559:176-52559:178.

9002070144 Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER,H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52587:012.

9002020199 Forwards application for NPDES permit for storm water discharge at plant.  
TUCKER,H.B. Duke Power Co. 90/01/25. JOY,J.A. South Carolina, State of. 7pp. 52529:309-52529:315.

9002080198 Withdraws 890104 request for amends to Licenses NPF-35 & NPF-52,deleting auxiliary feedwater,steam generator wet layup & main feedwater isolation valves from Tech Spec Table 3.6-2.  
TUCKER,H.B. Duke Power Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52589:051-52589:051.

9002060038 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Program to sample & analyze intake structures for Asiatic clams to be developed.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 21pp. 52556:077-52556:097.

9002050362 Forwards summaries of latest ECCS evaluation model changes.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52547:255-52547:258.

9002120298 Advises of EPRI release of Mod 2 of VIPRE-01 computer code which will intend to use as described in topical repts. Changes originated from comments received from code users & assigned CH101-CH177.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 8pp. 52626:349-52626:357.

9002120365 Forwards proprietary "Safety Analysis Physics Parameters & Multidimensional Reactor Transients Methodology." Three repts describing EPRI computer code also encl.Proprietary rept withheld (ref 10CFR2.790).  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 6pp. 52644:012-52644:320.

9002140192 Advises that 900117 license amend request to remove certain cycle-specific parameter limits from Tech Specs inadvertently utilized outdated Tech Specs pages.Requests that Tech Specs changes made via Amends 101/83 be deleted.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 3pp. 52655:274-52655:276.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130031 Summary of 900116-17 interface meeting w/util at site re licensing & regulatory issues.List of attendees,handouts & agenda encl.  
WIENS,L.A. Project Directorate II-3. 90/02/02. Project Directorate II-3. 30pp. 52646:278-52646:307.

9002140195 Application for amends to Licenses NPF-35 & NPF-52,changing allowable tolerance value for lift setting of steam line safety valves in Tech Spec Table 3.7-2.  
OWEN,W.H. Duke Power Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52650:338-52650:351.

—9002140197 Proposed Tech Specs,changing allowable tolerance value for lift setting of steam line safety valves.  
\* Duke Power Co. 90/02/05. 11pp. 52650:341-52650:351.

9002160224 Forwards EGG-NTA-8702, "Technical Evaluation Rept TMI Action-NUREG-0737 (II.D.1) Relief & Safety Valve Testing." Rept Indicates that util has met all II.D.1 requirements w/ exception of one open item.  
JABBOUR,K.N. Project Directorate II-3. FIN A-6492. 90/02/05. TUCKER,H.B. Duke Power Co. 2pp. 52658:104-52658:140.

—9001120312 "Technical Evaluation Rept,TMI Action-NUREG-0737 (II.D.1), Relief & Safety Valve Testing,Catawba Nuclear Station,Units 1 & 2."  
FINEMAN,C.P., NALEZNY,C.L. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FINEMAN,C.P. Idaho National Engineering Laboratory. FIN A-6492. EGG-NTA-8702. 89/11/30. NRC - No Detailed Affiliation Given. 35pp. 52658:106-52658:140.

9002130340 Confirms verbal granting of temporary waiver of compliance w/Tech Spec Table 3.7-2 for lift setting of steam line safety valves for Unit 2,per 900205 request.  
HEHL,C.W. Assistant Director for Region II Reactors. 90/02/06. TUCKER,H.B. Duke Power Co. 2pp. 52648:196-52648:197.

900220322 Application for amends to Licenses DPR-38,DPR-47,DPR-55, NPF-9,NPF-17,NPF-35 & NPF-52.Amends involve relocating radiological effluent Tech Specs to respective stations selected licensee commitment manual.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 6pp. 52667:021-52668:028.

—900220333 Proposed Tech Specs,relating radiological effluent Tech Specs to selected licensee commitment manual.  
\* Duke Power Co. 90/02/07. 25pp. 52667:133-52668:028.

900220332 Application for amends to Licenses NPF-35 & NPF-52,changing Tech Spec Design Feature 5.3.2 to allow operation w/up to one Inconel-clad rod cluster control assembly in Unit 2 core for future replacement w/Westinghouse 17x17 assembly.  
TUCKER,H.B. Duke Power Co. 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52696:025-52696:032.

—900220335 Proposed Tech Specs re design pressure & temp for fuel assemblies & control rod assemblies.  
\* Duke Power Co. 90/02/07. 5pp. 52696:028-52696:032.

9002230520 Forwards 13th quarterly update to startup rept.  
TUCKER,H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52702:105-52702:106.

### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOF,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310152 Submits correction to error in 891002 response to NRC 890831 ltr re violation noted in Insp Repts 50-413/89-19 & 50-414/89-19.Completion date for corrective actions is 910101 not 900101.  
TUCKER,H.B. Duke Power Co. 90/01/17. Document Control Branch (Document Control Desk). 1p. 52504:138-52504:138.

9002010317 Forwards SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989.Overall level of performance exceeded that needed to meet regulatory requirements.Improvement in emergency preparedness & plant operations noted.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/01/23. TUCKER,H.B. Duke Power Co. 4pp. 52531:289-52531:319.

—9002010321 SALP Repts 50-413/89-32 & 50-414/89-32 for Aug 1988 - Oct 1989.Overall level of performance exceeded regulatory requirements.  
\* Region 2, Ofc of the Director. 90/01/23. 27pp. 52531:293-52531:319.

9002140073 Forwards Exam Rept 50-413/OL-89-03 administered on 891030-1103.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/24. TUCKER,H.B. Duke Power Co. 2pp. 52652:106-52652:268.

—9002140076 Exam Rept 50-413/OL-89-03 on 891030-1103.Exam results:all candidates passed written & operating exams.  
BALDWIN,R.S. Region 2, Ofc of the Director. 90/01/23. 139pp. 52652:108-52652:246.

—9002140078 Forwards comments & refs re post-exam review of senior reactor operator & reactor operator exams administered on 891030.  
OWEN,T.B. Duke Power Co. 89/11/02. BALDWIN,R.S. NRC - No Detailed Affiliation Given. 22pp. 52652:247-52652:268.

9002070097 Forwards Insp Repts 50-413/89-36 & 50-414/89-36 on 891203-30.Violations noted.  
HERDT,A.R. Region 2, Ofc of the Director. 90/01/26. TUCKER,H.B. Duke Power Co. 3pp. 52592:268-52592:280.

—9002070100 Insp Repts 50-413/89-36 & 50-414/89-36 on 891203-30.No violations noted.Major areas inspected:review of plant operations,surveillance observation,maint observation,review of LERs & fitness-for-duty program training implementation.  
ORDERS,W.T., LESSER,M.S., HOPKINS,P.C. Region 2, Ofc of the Director. 90/01/26. 10pp. 52592:271-52592:280.

9002080127 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Affected plant procedure for core reloading revised to include implementation of design engineering analyses.  
TUCKER,H.B. Duke Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52594:302-52594:306.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002070222 Responds to violations noted in Insp Rept 50-414/89-34. Corrective actions: individuals involved in 891120 inaccurate tagout record sheet incident resulting in pump trip talked to re potential consequences of improper actions.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52590:318-52590:322.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002080234 Responds to NRC 891219 notice of violation & imposition of civil penalty re Insp Repts 50-413/89-25 & 50-414/89-25. Corrective actions: linkage visually inspected & manually exercised to assess freedom of movement.  
TUCKER,H.B. Duke Power Co. 90/01/31. Ofc of Enforcement (Post 870413). 19pp. 52599:001-52599:019.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002230315 Forwards Insp Rept 50-413/90-01 & 50-414/90-01 on 900108-11 & notices of violation & deviation.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/08. TUCKER,H.B. Duke Power Co. 5pp. 52701:143-52701:161.

-9002230373 Notice of violation from Insp on 900108-11. Violation noted: licensee failed to request relief from meeting vibration meter accuracy value contained in ASME Section XI.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/08. 2pp. 52701:148-52701:149.

-9002230374 Notice of deviation from Insp on 900108-11. Deviation noted: licensee corrective action to place stem bolt & washer on component cooling water sys pumps station & discharge valves completed approx 120 days beyond committed date.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/08. 1p. 52701:150-52701:150.

-9002230376 Insp Repts 50-413/90-01 & 50-414/90-01 on 900108-11. Violations or deviations noted. Major areas inspected: followup to operational safety team Insp.  
BRESLAU,B., MELLE,L., KELLOGG,P. Region 2, Ofc of the Director. 90/02/05. 11pp. 52701:151-52701:161.

9002220562 Responds to NRC 891026 ltr re weaknesses noted in Insp Repts 50-413/89-27 & 50-414/89-27 on failure to comply w/ Generic Ltr 89-04 for in-service testing program. Review of all check valves re backflow testing will be completed by 910101.  
TUCKER,H.B. Duke Power Co. 90/02/14. Document Control Branch (Document Control Desk). 3pp. 52696:136-52696:138.

#### R. Periodic operating reports & related correspondence

9001300327 Forwards monthly operating repts for Dec 1989 for Catawba Nuclear Station, Units 1 & 2. Revised Nov 1989 rept encl.  
TUCKER,H.B. Duke Power Co. 90/01/15. Document Control Branch (Document Control Desk). 1p. 52492:344-52492:355.

-9001300371 Monthly operating repts for Dec 1989 for Catawba Nuclear Station, Units 1 & 2.  
WILLIAMS,R.A. Duke Power Co. 89/12/31. 10pp. 52492:345-52492:354.

-9001300373 Revised monthly operating rept for Nov 1989 for Catawba Nuclear Station, Units 1 & 2.  
\* Duke Power Co. 89/11/30. 1p. 52492:355-52492:355.

#### S. Reportable occurrences, LERs & related correspondence

9002130329 LER 90-001-00: on 900105, unexpected auxiliary feedwater automatic start-up occurred during periodic cabinet test. Caused by procedure deficiency. Procedures to be revised to prevent recurrence. W/900207 ltr.  
GLOVER,R.M., OWEN,T.B. Duke Power Co. 90/02/07. 6pp. 52654:030-52654:035.

#### V. Operator Examinations

9002090027 Requests submittal of ref matls listed in encl for requalification retake exam scheduled for wk of 900328 by 900226.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/24. TUCKER,H.B. Duke Power Co. 7pp. 52607:349-52607:355.

9002140073 Forwards Exam Rept 50-413/OL-89-03 administered on 891030-1103.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/01/24. TUCKER,H.B. Duke Power Co. 2pp. 52652:106-52652:268.

-9002140076 Exam Rept 50-413/OL-89-03 on 891030-1103. Exam results: all candidates passed written & operating exams.  
BALDWIN,R.S., CASTO,C.A. Region 2, Ofc of the Director. 90/01/23. 139pp. 52652:108-52652:246.

-9002140078 Forwards comments & refs re post-exam review of senior reactor operator & reactor operator exams administered on 891030.  
OWEN,T.B. Duke Power Co. 89/11/02. BALDWIN,R.S. NRC - No Detailed Affiliation Given. 22pp. 52652:247-52652:268.

#### DOCKET 50-416 GRAND GULF NUCLEAR STATION, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9001310395 Revised emergency plan procedures, including Rev 5 to 10-S-01-28, Rev 19 to 10-S-01-06 & Rev 8 to 10-S-01-11. W/ 900117 ltr.  
COTTON,S.R., COTTLE,W.T. System Energy Resources, Inc. 90/01/17. 57pp. 52504:077-52504:133.

##### J. Insurance & Indemnity Information

9001290181 Forwards Endorsements 13 & 12 to MAELU Policy M-79 & NELIA Policy N-79, Endorsements 35,36 & 37 to MAELU Policy MF-106 & Endorsements 56,57 & 58 to NELIA Policy NF-257.  
COTTLE,W.T. System Energy Resources, Inc. 90/01/15. Document Control Branch (Document Control Desk). 16pp. 52469:162-52469:177.

9002050334 Forwards Endorsement 60 to NELIA Policy NF-257, Endorsement 39 to MAELU Policy MF-106, Endorsements 8 to NELIA Policy NW-153 & MAELU Policy MW-76 & Endorsements 15 to NELIA Policy N-79 & MAELU Policy M-79.  
COTTLE,W.T. System Energy Resources, Inc. 90/01/29. Document Control Branch (Document Control Desk). 14pp. 52542:323-52542:336.

9002070408 Forwards Endorsements 7 to MAELU Policy MW-76 & NELIA Policy NW-153, Endorsements 14 to MAELU Policy M-79 & NELIA Policy N-79, Endorsement 59 to NELIA Policy NF-257 & Endorsement 38 to MAELU Policy MF-106.  
COTTLE,W.T. System Energy Resources, Inc. 90/01/29. Document Control Branch (Document Control Desk). 34pp. 52587:146-52587:179.

##### P. Operating license stage documents & correspondence

9001290241 Summary of 900104 meeting w/ Advanced Nuclear Fuels & util in Rockville, MD re Cycle 5 licensing activities. Util analyses for operation w/ feedwater heaters out of svc should be included in next reload application. Agenda encl.  
KINTNER,L.L. Project Directorate II-1. 90/01/22. Project Directorate II-1. 22pp. 52453:274-52453:303.

9002060215 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Discovery of microbiologically-induced corrosion in svc water sys lead to development of extensive chemical treatment/cleaning sys.  
COTTLE,W.T. System Energy Resources, Inc. 90/01/29. EBNETER,S.D. Region 2, Ofc of the Director. 14pp. 52569:201-52569:214.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002130310 Forwards SER denying 891220 request for extension of date to install neutron flux monitor. Reg guide 1.97 requirements for flux monitoring following accident appropriate & proposed alternative criteria in GE Rept NEDO-31558 unacceptable.  
KINTNER,L.L. Project Directorate II-1. 90/02/02. COTTLE,W.T. System Energy Resources, Inc. 3pp. 52646:133-52646:142.

-9002130313 Advises that Category 1 designation & associated lower range for neutron flux monitoring equipment appropriate, therefore proposed report NEDO-31558 unacceptable & neutron flux equipment must be environmentally qualified per 10CFR50.48.  
MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 90/01/29. FLOYD,S.D. Babcock & Wilcox Operating Plants Owners Group. 1p. 52646:136-52646:136.

-9002130318 SER denying licensing Topical Rept NEDO-31558, "Position on Reg Guide 1.97, Requirements for Post-Accident Neutron Flux Monitoring Sys."  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 6pp. 52646:137-52646:142.

9002140123 Advises that util 890220 response to Generic Ltr 88-14, "Instrument Air Supply Sys Problems Affecting Safety-Related Equipment." acceptable.  
KINTNER,L.L. Project Directorate II-1. 90/02/02. COTTLE,W.T. System Energy Resources, Inc. 3pp. 52651:250-52651:252.

9002130335 Notification of 900215 meeting w/ util in Rockville, MD to discuss results of study to increase spent fuel pool cooling capability.  
KINTNER,L.L. Project Directorate II-1. 90/02/06. TOURIGNY,E.G. Project Directorate II-1. 3pp. 52648:237-52648:239.

9002220191 Application for amend to License NPF-29, adding two smoke detectors & room numbers to Table 3.3.7.9-1 as well as renaming room described in Table 3.3.7.9-1 as result of design changes.  
COTTLE,W.T. System Energy Resources, Inc. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52679:200-52679:208.

-9002220198 Proposed Tech Specs adding two smoke detectors & room numbers to Table 3.3.7.9-1 as well as renaming room described in Table 3.3.7.9-1 as result of design changes.  
\* System Energy Resources, Inc. 90/02/09. 6pp. 52679:203-52679:208.

9002220161 Forwards safety evaluation approving licensee 880722 request for deviation from Reg Guide 1.97 re using recommended drywell pressure instrument w/ range of -5 psig to 3 psig.  
KINTNER,L.L. Project Directorate II-1. 90/02/13. COTTLE,W.T. System Energy Resources, Inc. 1p. 52688:037-52688:040.



## 136 DOCKETED ITEMS

9002220165 Safety evaluation supporting deviation from Reg Guide 1.97 requirement for narrow range drywell pressure instrument.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. 2pp. 52689:038-52689:040.

9002220470 Forwards request for addl info on implementation of Generic Ltr 87-09 re Sections 3.0 & 4.0 of STS on applicability of limiting conditions for operation & surveillance requirements. Response requested by 900330.  
KINTNER, L.L. Project Directorate II-1. 90/02/14. COTTLE, W.T. System Energy Resources, Inc. 5pp. 52673:076-52673:080.

### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290153 Advises that rept of results of ultrasonic insp of discs in low pressure Turbine 1, acceptable. Summary rept showed that no significant flaw indications found in disc bores.  
KINTNER, L.L. Project Directorate II-1. 90/01/23. COTTLE, W.T. System Energy Resources, Inc. 2pp. 52472:350-52472:351.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002070136 Forwards Insp Rept 50-416/90-01 on 900108-12. No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/01/29. COTTLE, W.T. System Energy Resources, Inc. 3pp. 52570:003-52570:012.

9002070137 Insp Rept 50-416/90-01 on 900108-12. No violations or deviations noted. Major areas inspected: core power distribution & thermal limits, calibers of nuclear instrumentation & core thermal power.  
BURNETT, P.T., BELISLE, G.A. Region 2, Ofc of the Director. 90/01/23. 7pp. 52570:006-52570:012.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002160082 Ack receipt of 880602 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-416/88-07. Agrees w/ util conclusion that Item A did not constitute violation. Violation withdrawn & records adjusted accordingly.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/01/30. COTTLE, W.T. System Energy Resources, Inc. 2pp. 52669:008-52669:009.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9002130356 Forwards Insp Rept 50-416/89-30 on 891216-900119 & notice of violation.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/01/31. COTTLE, W.T. System Energy Resources, Inc. 3pp. 52648:198-52648:213.

9002130357 Notice of violation from insp on 891216-900119. Violation noted: on 891230, following manual reactor scram, unit exceeded max reactor cooldown rate for reactor vessel bottom head drain.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/01/31. 2pp. 52648:201-52648:202.

9002130361 Insp Rept 50-416/89-30 on 891216-900119. Violations noted. Major areas inspected: operational safety verification, maint observation, surveillance observation, action on previous findings & ROs.  
CHRISTENSEN, H., MATHIS, J.L., CANTRELL, F.S. Region 2, Ofc of the Director. 90/01/31. 11pp. 52648:203-52648:213.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002080192 Responds to violation noted in Insp Rept 50-416/89-29. Corrective action: rev to administrative procedure underway to establish min guidelines to be followed by committee when reviewing deficiency documents.  
COTTLE, W.T. System Energy Resources, Inc. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52594:267-52594:269.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220723 Responds to violations noted in Insp Rept 50-416/86-14. Corrective actions: Administrative Procedure 01-S-08-2, "Exposure & Contamination Control" revised to assign responsibility for controlling access to area doors.  
COTTLE, W.T. System Energy Resources, Inc. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52683:332-52683:333.

9002230455 Ack receipt of 900202 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-416/89-29.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/02/12. COTTLE, W.T. System Energy Resources, Inc. 2pp. 52701:120-52701:121.

### R. Periodic operating reports & related correspondence

9002220367 Monthly operating rept for Jan 1990 for Grand Gulf Nuclear Station Unit 1. W/900214 ltr.  
ZINKE, G.A., CESARE, J.G. System Energy Resources, Inc. 90/01/31. 5pp. 52673:249-52673:253.

### S. Reportable occurrences, LERs & related correspondence

9002010231 LER 89-017-00: on 890718, determined that isolation for postulated RWCU blowdown line breaks in piping cold rooms was 80 s, causing plant to operate in unanalyzed condition. Tech Spec change request will be submitted. W/900116 ltr.  
BYRD, R., COTTLE, W.T. System Energy Resources, Inc. 90/01/16. 5pp. 52550:080-52550:084.

9002010119 Special Rept 89-009-00: on 891218, diesel generator 11 failed. Potential transformer fuse holders found loose. No obvious cause of event identified. Diesel retested satisfactorily w/o recurrence of original incident.  
COTTLE, W.T. System Energy Resources, Inc. 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52531:119-52531:120.

9002060019 LER 89-019-00: on 891230, total loss of plant svc water experienced due to loss of power to supply wells. Caused by malfunction of microwave info & control sys. Periodic microwave operational checks established. W/900129 ltr.  
RUFFIN, R., COTTLE, W.T. System Energy Resources, Inc. 90/01/29. 7pp. 52550:022-52550:028.

9002160163 LER 90-001-00: on 900112, determined that Tech Spec reactor coolant cooldown rate limit of 100 degrees F exceeded in reactor bottom head drain pipe. Caused by programmatic deficiencies. Incident rept form improved. W/900209 ltr.  
BYRD, R., COTTLE, W.T. System Energy Resources, Inc. 90/02/09. 5pp. 52654:105-52654:109.

9002230191 LER 89-015-01: on 891030, no data or evidence found that stroke time test performed on Bettis actuator for isolation damper following maint. Caused by programmatic weaknesses. New computer field data added to work orders. W/900215 ltr.  
BYRD, R., CESARE, J.G. System Energy Resources, Inc. 90/02/15. 6pp. 52713:027-52713:032.

### DOCKET 50-417 GRAND GULF NUCLEAR STATION, UNIT 2

### A. Application/construction stage documents & correspondence

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### R. Periodic operating reports & related correspondence

9002150122 "Summary of Environ Protection Program Re Const of Grand Gulf Station Unit 2 for 6 Months Ending 891231." W/900126 ltr.  
COTTLE, W.T. System Energy Resources, Inc. 89/12/31. 3pp. 52656:165-52656:167.

### DOCKET 50-423 MILLSTONE NUCLEAR POWER STATION, UNIT 3



**F. Security, medical, emergency & fire protection plans**

**9002120064** Forwards SALP Initial Rept 50-423/88-99 for 880601-891015. Continued good overall licensee performance w/safe & conservative plant operations noted. RUSSELL,W.T. Region 1, Ofc of the Director. 90/01/17. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52631:071-52631:110.

—**9002120073** SALP Initial Rept 50-423/88-99 for 880601-891015. Major areas inspected: plant operations, radiological controls, maint/ surveillance, emergency preparedness, security, engineering/ technical support & safety assessment/quality verification.

\* Region 1, Ofc of the Director. 90/01/17. 36pp. 52631:075-52631:110.

**9002010005** Formalizes requests made in telcon w/M Gentry & PH Bissett on 900118 re planned insp of facility emergency operating procedures on 900416-28. Plant-ref simulator should be available. Ref mat listed on encl should be sent by 900316. GALLO,R.M. Region 1, Ofc of the Director. 90/01/19. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52532:036-52532:039.

**9001290212** Rev 12 to EPIP-4211, "On Call Procedure." SCACE,S. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/22. 18pp. 52467:123-52467:140.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9002070415** Advises that until 890314 submittal of Rev 8 to physical security plan re waste disposal bldg & boron recovery bldg, incorrectly designated in figures as vital areas. Review of areas confirmed that no equipment exists in subj bldgs. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52593:020-52593:021.

**H. General correspondence**

**9002080209** Comment opposing proposed rule 10CFR170, "Rev of FY90 Fee Schedules: Radioisotope Licenses & Topical Rept." MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 90/01/31. Docketing & Services Branch. 3pp. 52567:131-52567:133.

**9002080232** Comment opposing proposed rule 10CFR2 re mod to enforcement policy allowing escalation in civil penalties for violations of NRC requirements where root cause involves programmatic maint-related implications. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 90/02/05. Docketing & Services Branch. 3pp. 52567:101-52567:103.

**9002150151** Advises of changes to util distribution lists for correspondence from NRC due to organizational title changes. Revs to distribution list encl. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/08. Document Control Branch (Document Control Desk). 9pp. 52677:069-52677:077.

**9002220016** Comment opposing rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Low specific activity packages should be exempted from proposed IAEA Safety Series 6, as revised in 1986 changes. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/09. Docketing & Services Branch. 11pp. 52658:341-52658:351.

**P. Operating license stage documents & correspondence**

**9001300273** Responds to 891129 request for review of current & proposed lead factors & withdrawal schedule to determine if proposed changes more or less conservative re 10CFR50.92 significant hazards consideration, per 891020 Tech Spec rev request. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/19. Document Control Branch (Document Control Desk). 3pp. 52466:106-52466:108.

**9001300315** Provides add info re 891201 proposed rev to Tech Specs for hydrogen recombiners, per NRC request. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52492:342-52492:343.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002090087** Notification of Significant Licensee Meeting 90-13 on 900208 W/licensee in Region I ofc to discuss nuclear safety concerns program enhancements. HAVERKAMP,D.R. Region 1, Ofc of the Director. 90/02/01. Region 1, Ofc of the Director. 2pp. 52607:069-52607:070.

**9002130016** Forwards Amend 45 to License NPF-49 & safety evaluation. Amend modifies Tech Specs 4.3.1.2 & 4.3.2.2 to require testing of input relays as part of response time testing program & changes Table 4.3-2. JAFFE,D.H. Project Directorate I-4. 90/02/02. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 3pp. 52646:308-52646:322.

—**9002130018** Amend 45 to License NPF-49, modifying Tech Specs 4.3.2.2 & 4.3.1.2 to require testing of input relays as part of response time testing program & changing Table 4.3-2 to clarify loss-of-offsite power test requirements. STOLZ,J.F. Project Directorate I-4. 90/02/02. 10pp. 52646:311-52646:320.

—**9002130019** Safety evaluation supporting Amend 45 to License NPF-49. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 2pp. 52646:321-52646:322.

**9002220121** Forwards corrected Page 6 of Amend 42 to License NPF-49 dtd 891218 adding License Condition 2.C(10).

JAFFE,D.H. Project Directorate I-4. 90/02/06. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp. 52671:070-52671:072.

—**9002220125** Corrected Amend 42 to License NPF-49 adding Condition 2.C(10).

\* NRC - No Detailed Affiliation Given. 90/02/06. 1p. 52671:072-52671:072.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002120064** Forwards SALP Initial Rept 50-423/88-99 for 880601-891015. Continued good overall licensee performance w/safe & conservative plant operations noted. RUSSELL,W.T. Region 1, Ofc of the Director. 90/01/17. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52631:071-52631:110.

—**9002120073** SALP Initial Rept 50-423/88-99 for 880601-891015. Major areas inspected: plant operations, radiological controls, maint/ surveillance, emergency preparedness, security, engineering/ technical support & safety assessment/quality verification.

\* Region 1, Ofc of the Director. 90/01/17. 36pp. 52631:075-52631:110.

**9002010005** Formalizes requests made in telcon w/M Gentry & PH Bissett on 900118 re planned insp of facility emergency operating procedures on 900416-28. Plant-ref simulator should be available. Ref mat listed on encl should be sent by 900316. GALLO,R.M. Region 1, Ofc of the Director. 90/01/19. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52532:036-52532:039.

**9001310115** Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Personnel trained in overall control procedure for fuel movement. MROCZKA,E.J., SEARS,C.F. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. Document Control Branch (Document Control Desk). 4pp. 52504:149-52504:152.

**9002020056** Forwards response to recommended actions in Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommended hardware mods to be included as ISAP 1.120. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/01/25. RUSSELL,W.T. Region 1, Ofc of the Director. 51pp. 52526:096-52526:146.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002140107** Discusses updated implementation schedule re dedication of commercial-grade items, per Insp Repts 50-245/89-80, 50-336/89-80 & 50-423/89-80 on 890430-0616 & 0710-14. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52650:266-52650:267.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002150365** Comments on Insp Repts 50-245/89-20, 50-336/89-19 & 50-423/89-20 issued on 891026. Clarifies events surrounding inoperable diesel generators. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52677:001-52677:003.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002230474** Forwards Insp Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900119-29. Enforcement conference scheduled on 900131 to discuss violation re shipment of underwater shearer/compactor in excess of allowable radiation level. KNAPP,M.R. Region 1, Ofc of the Director. 90/02/05. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 52702:350-52702:354.

—**9002230477** Insp Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900119-29. Violation noted. Major areas inspected: circumstances surrounding 900117 shipment of underwater shearer/compactor equipment to Duane Arnold Energy Ctr. FURIA,J., KUTTAN,J., BORES,R. Region 1, Ofc of the Director. 90/02/01. 2pp. 52702:353-52702:354.

## 138 DOCKETED ITEMS

**9002140221** Partial response to FOIA request for documents.App Q documents encl.App Q & S documents available in PDR.App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN,D. Blecher & Collins. 15pp. 52631:235-52633:165.

**-9002140232** Informs of need to retain all breakers identified as unacceptable for use during testing & review required by NRC Bulletin 88-010 in order to support NRC review of issue.  
KANE,W.F. Region 1, Ofc of the Director. 89/01/10. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 1p. 52631:261-52631:273.

### R. Periodic operating reports & related correspondence

**9002220742** Monthly operating rept for Jan 1990 for Millstone Nuclear Power Station Unit 3.W/900212 ltr.  
ELMS,A.L., SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/01/31. 5pp. 52696:183-52696:187.

### S. Reportable occurrences, LERs & related correspondence

**9002140090** Special 30-day rept on 891102 & 09,plant-related Zn-65 concentrations in oysters exceeded reporting level criteria. Caused by operation of zinc injection sys & dumping shell side HX water into radwaste.LADTAP code will be revised.  
MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA,E.J. Northeast Utilities. 90/01/30. Document Control Branch (Document Control Desk). 8pp. 52655:110-52655:117.

**9002220719** LER 89-035-00: on 891219, overtemp/delta temp protection channel restored to svc w/bistable setpoint less conservative than trip setpoint.Caused by procedural inadequacy.Operability procedures revised.W/900207 ltr.  
CONWAY,R.D., SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/02/07. 4pp. 52679:008-52679:011.

**9002220721** LER 90-001-00: on 900108, discovered that fire hose racks in fuel & auxiliary bldgs had insufficient fire lengths to fulfill Tech Spec operability requirements.Caused by procedural inadequacy.Caution signs posted.W/900207 ltr.  
FREEMAN,P.A., SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities. 90/02/07. 4pp. 52679:017-52679:020.

### V. Operator Examinations

**9002150230** Forwards revised NRC Forms 398 & 396 re personal qualifications statement-licensee & certification of medical exam by facility licensee,respectively.Applications for licenses should be submitted on revised forms by 900201.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 9pp. 52656:297-52656:304.

**9002140118** Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 8pp. 52655:344-52655:351.

## DOCKET 50-424 ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9001290064** Forwards Amend 15 to physical security & contingency plan. Amend incorporates changes to plan initiated as result of NRC 890419 correspondence.Amend withheld (ref 10CFR73.21).  
HAIRSTON,W.G. Georgia Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52454:124-52454:125.

**9001290069** Forwards Rev 6 to security training & qualification plan.Rev incorporates changes initiated in response to NRC 890424 ltr.Rev withheld (ref 10CFR73.21).  
HAIRSTON,W.G. Georgia Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52468:339-52468:340.

**900210251** Rev 5 to EPIP 81202-C, "Activation & Operation of Operations Support Ctr." W/900122 ltr.  
HAIRSTON,W.G. Georgia Power Co. 90/01/22. 16pp. 52531:231-52531:246.

**9002150019** Forwards Insp Repts 50-424/89-35 & 50-425/89-40 on 891202- 900105 & notice of violation.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Georgia Power Co. 4pp. 52656:246-52656:265.

**-9002150024** Insp Repts 50-424/89-35 & 50-425/89-40 on 891202-900105. Violation noted.Major areas inspected:plant operations, radiological controls,maint,surveillance,security & quality programs & administrative controls affecting quality.  
ROGGE,J.F., AIELLO,R.F., STARKEY,R.D. Region 2, Ofc of the Director. 90/01/31. 14pp. 52656:252-52656:265.

**9002150336** Forwards notice of violation & proposed imposition of civil penalty in amount of \$7,500,per security insp on 891023-27. Violations A & B categorized as Severity Level IV.Encl withheld (ref 10CFR2.790 & 73.21).  
EBNETER,S.D. Region 2, Ofc of the Director. 90/02/02. HAIRSTON,W.G. Georgia Power Co. 5pp. 52675:260-52675:264.

### H. General correspondence

**9002150166** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900208.  
HAIRSTON,W.G. Georgia Power Co. 90/02/07. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52635:308-52635:308.

### P. Operating license stage documents & correspondence

**9001290224** Forwards draft qualified master trust agreement for decommissioning of nuclear plants,for review.Licensee will make contributions to qualified & nonqualified trust as appropriate.  
LAMBERSKI,J. Troutman, Sanders, Lockerman & Ashmore. 90/01/16. WOOD,R.S. NRC - No Detailed Affiliation Given. 38pp. 52469:012-52469:049.

**9002010006** Advises that individual plant exam approach,methodology & schedule,contained in 891027 ltr,to address Generic Ltr 86-20,acceptable,NRC will accept one submittal for both units at site provided differences addressed in plant exams.  
MATTHEWS,D.B. Project Directorate II-3. 90/01/24. HAIRSTON,W.G. Georgia Power Co. 4pp. 52531:110-52531:113.

**9001310338** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment" & informs that util intends to review existing programs for safety-related svc water sys to ensure intent of generic ltr recommendations.  
HAIRSTON,W.G. Georgia Power Co. 90/01/25. Document Control Branch (Document Control Desk). 8pp. 52531:003-52531:010.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300453** Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Analysis performed for purpose of developing guidelines to assure subcriticality maintained during refueling.  
HAIRSTON,W.G. Georgia Power Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52497:010-52497:012.

**9001300464** Responds to violation noted in Insp Repts 50-424/89-33 & 50-425/89-38 on 891028-1201.Corrective actions:control room drawings reproduced by document control & reviewed by engineering support personnel to ensure legibility.  
HAIRSTON,W.G. Georgia Power Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52490:302-52490:304.

**9001310109** Forwards Insp Repts 50-424/90-01 & 50-425/90-01 on 900108- 12.No violations or deviations noted.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/23. HAIRSTON,W.G. Georgia Power Co. 3pp. 52498:073-52498:083.

**-9001310112** Insp Repts 50-424/90-01 & 50-425/90-01 on 900108-12.No violations or deviations noted.Major areas inspected: licensee response to previously identified NRC open items & Temporary Instruction (TI) 2500/27.  
NEWSOMER,W., BLAKE,J.J. Region 2, Ofc of the Director. 90/01/18. 8pp. 52498:076-52498:083.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:126-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:026-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002090052** EN-90-013: on 900202,notice of violation & proposed imposition of civil penalty in amount of \$7,500 will be issued to licensee,based on repetitive failure on part of licensee employees to adequately protect safeguards info.  
ROSANO,R.P., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/01/30. 1p. 52615:044-52615:044.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002150304** Ack receipt of 900116 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-424/89-31 & 50-425/89-36.Util will be notified when evaluation of response completed.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/01/31. HAIRSTON,W.G. Georgia Power Co. 3pp. 52656:201-52656:203.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002140156** Ack receipt of 900123 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-424/89-33 & 50-425/89-38.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Georgia Power Co. 3pp. 52655:091-52655:093.

**9002150019** Forwards Insp Repts 50-424/89-35 & 50-425/89-40 on 891202- 900105 & notice of violation.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Georgia Power Co. 4pp. 52656:246-52656:265.

—9002150022 Notice of violation from insp on 891202-900105. Violation noted: checks & insps not performed to verify operational readiness & completeness of safety-related sys while repairing Class 1E 125-volt dc power sys. HERDT, A.R. Region 2, Ofc of the Director. 90/02/01. 2pp. 52656:250-52656:251.

—9002150024 Insp Repts 50-424/89-35 & 50-425/89-40 on 891202-900105. Violation noted. Major areas inspected: plant operations, radiological controls, maint, surveillance, security & quality programs & administrative controls affecting quality. ROGGE, J.F., AIELLO, R.F., STARKEY, R.D. Region 2, Ofc of the Director. 90/01/31. 14pp. 52656:252-52656:265.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002080219 Responds to violations noted in Insp Repts 50-424/89-33 & 50-425/89-38 on 891028-1201. Use of words "taken credit for" misleading & will be clarified for FSAR. HAIRSTON, W.G. Georgia Power Co. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52626:031-52626:033.

9002150336 Forwards notice of violation & proposed imposition of civil penalty in amount of \$7,500 per security insp on 891023-27. Violations A & B categorized as Severity Level IV. Encl withheld (ref 10CFR2.790 & 73.21). EBNETER, S.D. Region 2, Ofc of the Director. 90/02/02. HAIRSTON, W.G. Georgia Power Co. 5pp. 52675:260-52675:264.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### R. Periodic operating reports & related correspondence

9002150003 Monthly operating repts for Jan 1990 for Vogtle Electric Generating Plant, Units 1 & 2. W/900209 ltr. WILLIAMS, J.C., MCCOY, C.K. Georgia Power Co. 90/01/31. 13pp. 52656:223-52656:235.

#### S. Reportable occurrences, LERs & related correspondence

9002060171 Special Rept 1-90-01: on 900103, when diesel generator 1B started for monthly surveillance, low turbocharger oil pressure annunciator alarmed. Caused by small leak on low oil pressure switch. Switch replaced & surveillance completed. HAIRSTON, W.G. Georgia Power Co. 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52569:072-52569:073.

#### V. Operator Examinations

9001310322 Notifies that WT Ryan is no longer employed by util. HAIRSTON, W.G. Georgia Power Co. 90/01/26. CASTO, C. Region 2, Ofc of the Director. 1p. 52514:019-52514:019.

#### DOCKET 50-425 ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9001290064 Forwards Amend 15 to physical security & contingency plan. Amend incorporates changes to plan initiated as result of NRC 890419 correspondence. Amend withheld (ref 10CFR73.21). HAIRSTON, W.G. Georgia Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52454:124-52454:125.

9001290069 Forwards Rev 6 to security training & qualification plan. Rev incorporates changes initiated in response to NRC 890424 ltr. Rev withheld (ref 10CFR73.21). HAIRSTON, W.G. Georgia Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52468:339-52468:340.

9002010251 Rev 5 to EPIP 91202-C, "Activation & Operation of Operations Support Ctr." W/900122 ltr. HAIRSTON, W.G. Georgia Power Co. 90/01/22. 16pp. 52531:231-52531:246.

9002150019 Forwards Insp Repts 50-424/89-35 & 50-425/89-40 on 891202-900105 & notice of violation. HERDT, A.R. Region 2, Ofc of the Director. 90/02/01. HAIRSTON, W.G. Georgia Power Co. 4pp. 52656:248-52656:265.

—9002150024 Insp Repts 50-424/89-35 & 50-425/89-40 on 891202-900105. Violation noted. Major areas inspected: plant operations, radiological controls, maint, surveillance, security & quality programs & administrative controls affecting quality. ROGGE, J.F., BROCKMAN, K.E. Region 2, Ofc of the Director. 90/01/31. 14pp. 52656:252-52656:265.

9002150336 Forwards notice of violation & proposed imposition of civil penalty in amount of \$7,500 per security insp on 891023-27. Violations A & B categorized as Severity Level IV. Encl withheld (ref 10CFR2.790 & 73.21). EBNETER, S.D. Region 2, Ofc of the Director. 90/02/02. HAIRSTON, W.G. Georgia Power Co. 5pp. 52675:260-52675:264.

#### H. General correspondence

9002150166 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900209. HAIRSTON, W.G. Georgia Power Co. 90/02/07. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52635:308-52635:308.

#### P. Operating license stage documents & correspondence

9001290224 Forwards draft qualified master trust agreement for decommissioning of nuclear plants, for review. Licensee will make contributions to qualified & nonqualified trust as appropriate. LAMBERSKI, J. Troutman, Sanders, Lockerman & Ashmore. 90/01/16. WOOD, R.S. NRC - No Detailed Affiliation Given. 38pp. 52469:012-52469:049.

9002010006 Advises that individual plant exam approach, methodology & schedule, contained in 891027 ltr, to address Generic Ltr 88-20, acceptable. NRC will accept one submittal for both units at site provided differences addressed in plant exams. MATTHEWS, D.B. Project Directorate II-3. 90/01/24. HAIRSTON, W.G. Georgia Power Co. 4pp. 52531:110-52531:113.

9001310338 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment" & informs that util intends to review existing programs for safety-related svc water sys to ensure intent of generic ltr recommendations. HAIRSTON, W.G. Georgia Power Co. 90/01/25. Document Control Branch (Document Control Desk). 8pp. 52531:003-52531:010.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220740 Forwards second suppl to summary rept of startup test program. HAIRSTON, W.G. Georgia Power Co. 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52683:306-52683:307.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300453 Responds to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling operations. Analysis performed for purpose of developing guidelines to assure subcriticality maintained during refueling. HAIRSTON, W.G. Georgia Power Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52497:010-52497:012.

9001300464 Responds to violation noted in Insp Repts 50-424/89-33 & 50-425/89-38 on 891028-1201. Corrective actions: control room drawings reproduced by document control & reviewed by engineering support personnel to ensure legibility. HAIRSTON, W.G. Georgia Power Co. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52490:302-52490:304.

9001310109 Forwards Insp Repts 50-424/90-01 & 50-425/90-01 on 900108-12. No violations or deviations noted. JULIAN, C.A. Region 2, Ofc of the Director. 90/01/23. HAIRSTON, W.G. Georgia Power Co. 3pp. 52498:073-52498:083.

—9001310112 Insp Repts 50-424/90-01 & 50-425/90-01 on 900108-12. No violations or deviations noted. Major areas inspected: licensee response to previously identified NRC open items & Temporary Instruction (TI) 2500/27. NEWSOME, R.W., BLAKE, J.J. Region 2, Ofc of the Director. 90/01/18. 8pp. 52498:076-52498:083.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002090052 EN-90-013: on 900202, notice of violation & proposed imposition of civil penalty in amount of \$7,500 will be issued to licensee, based on repetitive failure on part of licensee employees to adequately protect safeguards info. ROSANO, R.P., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/01/30. 1p. 52615:044-52615:044.

9001250022 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:082.

9002150304 Ack receipt of 900116 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-424/89-31 & 50-425/89-36. Util will be notified when evaluation of response completed. JULIAN, C.A. Region 2, Ofc of the Director. 90/01/31. HAIRSTON, W.G. Georgia Power Co. 3pp. 52656:201-52656:203.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002140156 Ack receipt of 900123 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-424/89-33 & 50-425/89-38. HERDT, A.R. Region 2, Ofc of the Director. 90/02/01. HAIRSTON, W.G. Georgia Power Co. 3pp. 52655:091-52655:093.

## 140 DOCKETED ITEMS

**9002150019** Forwards Insp Repts 50-424/89-35 & 50-425/89-40 on 891202- 900105 & notice of violation.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/01. HAIRSTON,W.G. Georgia Power Co. 4pp. 52656:246-52656:265.

**-9002150022** Notice of violation from insp on 891202-900105. Violation noted: checks & insps not performed to verify operational readiness & completeness of safety-related sys while repairing Class 1E 125-volt dc power sys.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/01. 2pp. 52656:250-52656:251.

**-9002150024** Insp Repts 50-424/89-35 & 50-425/89-40 on 891202-900105. Violation noted. Major areas inspected: plant operations, radiological controls, maint, surveillance, security & quality programs & administrative controls affecting quality.  
ROGGE,J.F., AIELLO,R.F., STARKEY,R.D. Region 2, Ofc of the Director. 90/01/31. 14pp. 52656:252-52656:265.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002080219** Responds to violations noted in Insp Repts 50-424/89-33 & 50-425/89-38 on 891028-1201. Use of words "taken credit for" misleading & will be clarified for FSAR.  
HAIRSTON,W.G. Georgia Power Co. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52626:031-52626:033.

**9002150336** Forwards notice of violation & proposed imposition of civil penalty in amount of \$7,500, per security insp on 891023-27. Violations A & B categorized as Severity Level IV. Encl withheld (ref 10CFR2.790 & 73.21).  
EBNETER,S.D. Region 2, Ofc of the Director. 90/02/02. HAIRSTON,W.G. Georgia Power Co. 5pp. 52675:260-52675:264.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

### R. Periodic operating reports & related correspondence

**9002150003** Monthly operating repts for Jan 1990 for Vogtle Electric Generating Plant, Units 1 & 2. W/900209 ltr.  
WILLIAMS,J.C., MCCOY,C.K. Georgia Power Co. 90/01/31. 13pp. 52656:223-52656:235.

### S. Reportable occurrences, LERs & related correspondence

**9002060088** Special Rept 2-90-01: on 891206-900110, containment radiation level high-range monitors inoperable. Caused by bad preamplifier circuit board which caused spurious alarms. Preamplifier circuit board replaced.  
HAIRSTON,W.G. Georgia Power Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52556:113-52556:117.

### V. Operator Examinations

**9001310322** Notifies that WT Ryan is no longer employed by util.  
HAIRSTON,W.G. Georgia Power Co. 90/01/26. CASTO,C. Region 2, Ofc of the Director. 1p. 52514:019-52514:019.

## DOCKET STN-50-437 FLOATING NUCLEAR PLANT

### A. Application/construction stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### Q. Inspection reports, IE Bulletins & correspondence

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

## DOCKET 50-438 BELLEFONTE NUCLEAR PLANT, UNIT 1

### A. Application/construction stage documents & correspondence

**9001310189** Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program.  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

**9002060119** Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested.  
BLACK,S.C. Assistant Director for Projects. 90/01/29. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### F. Security, medical, emergency & fire protection plans

**9001290055** Responds to NRC 891220 ltr re violations noted in Insp Repts 50-438/89-05 & 50-439/89-05. Corrective actions: preventive maint cards will be generated on each numbered fire hose 30 days prior to hydro test expiration date.  
MEDFORD,M.O. Tennessee Valley Authority. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52468:061-52468:066.

**9002090148** Responds to questions asked in Dec 1989 telcon re fire brigade training drills. Fire brigade training program should meet Section C.3.d of Branch Tech Position CMEB 9.5-1, per SRP 9.5.1.  
BLACK,S.C. Assistant Director for Projects. 90/02/06. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52613:359-52613:361.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 89-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001290055** Responds to NRC 891220 ltr re violations noted in Insp Repts 50-438/89-05 & 50-439/89-05. Corrective actions: preventive maint cards will be generated on each numbered fire hose 30 days prior to hydro test expiration date.  
MEDFORD,M.O. Tennessee Valley Authority. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52468:061-52468:066.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002090185** Forwards notice of violation from NRC investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting. Civil penalty not proposed since TVA has implemented programs.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

**-9002090171** Notice of violation from insp on 860428-0916. Violations noted: failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy.  
CRUTCHFIELD,D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

**9002120101** Corrected ltr discussing NRC investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees. Were HS Sanger still util employee, NRC would consider addl actions.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

**-9002120115** Notice of violation from investigation on 860428-0916. Violations noted: failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.



**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002150015** Ack receipt of 900119 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-438/89-05 & 50-439/89-05.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/02/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52556:221-52556:222.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### S. Reportable occurrences, LERs & related correspondence

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### DOCKET 50-439 BELLEFONTE NUCLEAR PLANT, UNIT 2

##### A. Application/construction stage documents & correspondence

**9001310189** Advises of significant deviation to corrective action plan for Corrective Action Tracking Document 30100-NPS-01 to establish maint specialist position to handle & resolve diesel generator concerns & upgrade maint program.  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 3pp. 52503:282-52503:284.

**9002060119** Ack receipt of 900103 ltr certifying implementation of fitness-for-duty program meeting 10CFR26 requirements. Reevaluation of handling of preliminary positive test results requested.  
BLACK,S.C. Assistant Director for Projects. 90/01/29. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52559:257-52559:260.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

##### F. Security, medical, emergency & fire protection plans

**9001290055** Responds to NRC 891220 ltr re violations noted in Insp Repts 50-438/89-05 & 50-439/89-05. Corrective actions: preventive maint cards will be generated on each numbered fire hose 30 days prior to hydro test expiration date.  
MEDFORD,M.O. Tennessee Valley Authority. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52468:061-52468:066.

**9002090148** Responds to questions asked in Dec 1989 telcon re fire brigade training drills. Fire brigade training program should meet Section C.3.d of Branch Tech Position CMEB 9.5-1, per SRP 9.5.1.  
BLACK,S.C. Assistant Director for Projects. 90/02/06. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52613:359-52613:361.

##### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001290055** Responds to NRC 891220 ltr re violations noted in Insp Repts 50-438/89-05 & 50-439/89-05. Corrective actions: preventive maint cards will be generated on each numbered fire hose 30 days prior to hydro test expiration date.  
MEDFORD,M.O. Tennessee Valley Authority. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52468:061-52468:066.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPDI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002090165** Forwards notice of violation from NRC Investigation Rept 86-015 re accuracy & completeness of statements made by senior TVA executives at 860311 Commission meeting. Civil penalty not proposed since TVA has implemented programs.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52626:036-52626:042.

**-9002090171** Notice of violation from insp on 860428-0916. Violations noted: failure to inform Commission that Dept of Labor (DOL) investigators biased against TVA & all DOL decisions should be appealed as matter of policy.  
CRUTCHFIELD,D. Associate Director for Special Projects - III,IV,V & Special Projects (Post 870411). 90/02/01. 3pp. 52626:040-52626:042.

**9002120101** Corrected ltr discussing NRC Investigation Rept 86-015 & forwarding notice of violation re util handling of charges of harassment & intimidation of four employees. Were HS Sanger still util employee, NRC would consider addl actions.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. RUNYON,M. Tennessee Valley Authority. 4pp. 52615:188-52615:195.

**-9002120115** Notice of violation from investigation on 860428-0916. Violations noted: failure of HS Sanger (util general counsel) to inform NRC that util concluded that Dept of Labor investigators biased against util.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/01. 3pp. 52615:192-52615:195.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002150015** Ack receipt of 900119 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-438/89-05 & 50-439/89-05.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/02/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52556:221-52556:222.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### S. Reportable occurrences, LERs & related correspondence

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

#### DOCKET 50-440 PERRY NUCLEAR POWER PLANT, UNIT 1

##### F. Security, medical, emergency & fire protection plans

**9002010213** Advises of review of schedule for completion of security improvements & revised regulatory effectiveness review schedule to coincide w/ completion dates.  
COLBURN,T.G. Project Directorate III-3. 90/01/25. KAPLAN,A. Cleveland Electric Illuminating Co. 2pp. 52515:070-52515:071.

**9002130266** Forwards Safety Insp 50-440/90-03 on 900122-26. No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director. 90/02/01. KAPLAN,A. Cleveland Electric Illuminating Co. 2pp. 52647:233-52647:245.

**-9002130267** Insp Rept 50-440/90-03 on 900122-26. No violations noted. Major areas inspected: plant emergency preparedness program, licensee action on previously identified item & followup on actual emergency plan activations.  
FOSTER,J.E., SNELL,W. Region 3, Ofc of the Director. 90/02/01. 11pp. 52647:235-52647:245.

**9002130301** Temporary Change 1 to Rev 6 to EPI-B1, "Emergency Notification Sys." W/900205 ltr.  
PERKO,D.M., ANDERSON,J.D., KAPLAN,A. Cleveland Electric Illuminating Co. 90/02/05. 9pp. 52634:333-52634:341.

##### P. Operating license stage documents & correspondence

**9002010339** Application for amend to License NPF-58, revising Tech Spec Table 3.3.2-2, "Isolation Actuation Instrumentation Setpoints." RCIC equipment room differential temp-high trip setpoint & allowable value. Meeting w/NRC requested.  
KAPLAN,A. Cleveland Electric Illuminating Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52523:328-52523:334.

**-9002010341** Proposed Tech Spec Table 3.3.2-2, "Isolation Actuation Instrumentation Setpoints."  
Cleveland Electric Illuminating Co. 90/01/26. 2pp. 52523:333-52523:334.

**9002050067** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Procedures in place for underwater insp of intake structures in lake as well as on-shore pump houses annually.  
KAPLAN,A. Cleveland Electric Illuminating Co. 90/01/26. Document Control Branch (Document Control Desk). 8pp. 52542:243-52542:250.

**9002090287** Confirms 900209 meeting w/util at plant to discuss current monthly performance indicators, control rod selection for scram time testing, zebra mussel program & offgas sys corrective actions.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/01/30. KAPLAN,A. Cleveland Electric Illuminating Co. 2pp. 52614:032-52614:033.

**9002140067** Forwards response to NRC 900112 request for addl info re 891121 request for exemption from filing requirements of 10CFR55.45(b)(2)(ii). Qualification plan for certification of existing simulator approved in Aug 1987.  
KAPLAN,A. Cleveland Electric Illuminating Co. 90/01/30. Document Control Branch (Document Control Desk). 5pp. 52653:128-52653:132.

**9002070199** Forwards Amend 26 to License NPF-58 & safety evaluation. Amend revises setpoints for RCIC equipment room delta temp-high on Table 3.3.2-2 of Tech Specs. Conclusion that Tech Spec change necessary to avoid plant shutdown noted.  
COLBURN,T.G. Project Directorate III-3. 90/01/31. KAPLAN,A. Cleveland Electric Illuminating Co. 3pp. 52598:263-52598:275.

## 142 DOCKETED ITEMS

—9002070201 Amend 26 to License NPF-58, revising setpoint for RCIC equipment room delta temp-high on Table 3.3.2-2 of Tech Specs.  
ZWOLINSKI, J.A. Assistant Director for Region III Reactors (Post 891001). 90/01/31. 5pp. 52598:266-52598:270.

—9002070203 Safety evaluation supporting Amend 26 to License NPF-58.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 5pp. 52598:271-52598:275.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120087 Provides update to 880721 ltr re performance of seismic margin evaluation. Until awaiting issuance of individual plant exams of external events generic ltr prior to proceeding w/ seismic margins study.  
KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/02. Document Control Branch (Document Control Desk). 2pp. 52615:076-52615:077.

9002220646 Discusses implementation of facility revised inservice testing program, per Generic Ltr 89-04. Improvements listed, including sign-off matrix deletion at end of inspection & movement of "Comments" section.  
KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52683:304-52683:305.

### Q. Inspection reports, IE Bulletins & correspondence

9001300496 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002050009 Responds to NRC Bulletin 89-002 re stress corrosion cracking of Type 410 Stainless preloaded bolting in swing check valves. No bolts subj to bulletin in use at facility.  
KAPLAN, A. Cleveland Electric Illuminating Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52541:359-52541:360.

9002050067 Forwards response to Generic Ltr 89-13. "Svc Water Sys Problems Affecting Safety-Related Equipment." Procedures in place for underwater insp of intake structures in lake as well as on-shore pump houses annually.  
KAPLAN, A. Cleveland Electric Illuminating Co. 90/01/26. Document Control Branch (Document Control Desk). 8pp. 52542:243-52542:250.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002130266 Forwards Safety Insp 50-440/90-03 on 900122-26. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/02/01. KAPLAN, A. Cleveland Electric Illuminating Co. 2pp. 52647:233-52647:245.

—9002130267 Insp Rept 50-440/90-03 on 900122-26. No violations noted. Major areas inspected: plant emergency preparedness program, licensee action on previously identified item & followup on actual emergency plan activations.  
FOSTER, J.E., SNELL, W. Region 3, Ofc of the Director. 90/02/01. 11pp. 52647:235-52647:245.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002220073 Forwards Safety Insp Rept 50-440/89-29 on 891227-28 & notice of violation.  
GREGER, L.R. Region 3, Ofc of the Director. 90/02/06. KAPLAN, A. Cleveland Electric Illuminating Co. 2pp. 52673:263-52673:275.

—9002220082 Notice of violation from insp on 891227-28. Violation noted: radwaste received at disposal site not dewatered to site requirements. No reply required to notice of violation.  
GREGER, L.R. Region 3, Ofc of the Director. 90/02/06. 1p. 52673:265-52673:265.

—9002220089 Insp Rept 50-440/89-29 on 891227-28 & 900102-12. Violations noted. Major areas inspected: operational radiation protection & radwaste programs re audits & appraisals, changes in organization, external & internal exposure control.  
KUNOWSKI, M.A., SCHUMACHER, M.C. Region 3, Ofc of the Director. 90/02/05. 10pp. 52673:266-52673:275.

### R. Periodic operating reports & related correspondence

9002230279 Monthly operating rept for Jan 1990 for Perry Nuclear Power Plant, Unit 1. W/900215 ltr.  
HEGRAT, H.L., KAPLAN, A. Cleveland Electric Illuminating Co. 90/01/31. 6pp. 52702:322-52702:327.

### S. Reportable occurrences, LERs & related correspondence

9001290034 Special rept on 891222, valid failure of Div 1 diesel generator occurred during Div 1 diesel generator start. Caused by degraded lubricant on latch mechanism pivot point due to aging. Work order initiated to svc breaker.  
KAPLAN, A. Cleveland Electric Illuminating Co. 90/01/19. Document Control Branch (Document Control Desk). 3pp. 52469:050-52469:052.

9002090005 Forwards LERs 90-001 & 90-002.  
KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/02. Document Control Branch (Document Control Desk). 1p. 52598:096-52598:103.

—9002090006 LER 90-001-00 on 900107, reactor scram occurred after improper transfer of 480-volt ac power supplies resulted in total loss of feedwater flow & power interruption. Caused by personnel error. Operator counseled & instructions revised.  
HEGRAT, H.L., KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/02. 3pp. 52598:097-52598:099.

—9002090007 LER 90-002-00 on 900107, RCIC sys isolated due to high differential temp signal detected across RCIC room cooler following reactor scram due to loss of feedwater flow. Caused by design deficiency. Procedures re flow rate revised.  
HEGRAT, H.L., KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/02. 4pp. 52598:100-52598:103.

### V. Operator Examinations

9001310085 Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

## DOCKET 50-441 PERRY NUCLEAR POWER PLANT, UNIT 2

### A. Application/construction stage documents & correspondence

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

### F. Security, medical, emergency & fire protection plans

9002130301 Temporary Change 1 to Rev 6 to EPI-B1, "Emergency Notification Sys." W/900205 ltr.  
PERKO, D.M., ANDERSON, J.D., KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/05. 9pp. 52634:333-52634:341.

### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

## DOCKET 50-443 SEABROOK NUCLEAR STATION, UNIT 1

## E. NRC Safety Evaluation Report (SER), supp's &amp; correspondence

9002220085 Forwards revised Tech Specs re ECCS, per 900131 application for amend to License NPF-67. Certifies that encl Tech Specs accurately reflect as-built plant configuration, FSAR through Amend 62 & SSER 8. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52696:120-52696:123.

## F. Security, medical, emergency &amp; fire protection plans

9002050337 Provides addl response to NRC 891117 request for status rept from FEMA on readiness of plant public ANS. PETERSON, G.C. Federal Emergency Management Agency. 90/01/12. TAYLOR, J.M. Ofc of the Executive Director for Operations. 9pp. 52541:328-52541:336.

9001290012 Forwards Rev 9 to physical security plan. Rev withheld (ref 10CFR73.21). FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52454:126-52454:127.

9001290233 Forwards revised offsite emergency plans & supporting documents to ASLB & parties, per commitment to Murley made at 900118 full power readiness briefing. W/o encls. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52454:076-52454:078.

9002020108 Advises that cover ltr transmitting Rev 3 of State of NH radiological emergency plan forwarded to Board & parties. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52539:219-52539:220.

9002120356 Forwards revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32) to include portions of transcript cited in brief as app. BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. #190 9802. 90/01/29. BOLLWERK, G.P., ROSENTHAL, A.S., WILBER, H.A. Atomic Safety and Licensing Board Panel. 1p. 52571:350-52571:190.

-9002120360 Seacoast Anti-Pollution League revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32). W/supporting info & Certificate of Svc. BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. 90/01/26. Atomic Safety and Licensing Board Panel. 200pp. 52571:351-52571:190.

9002080026 Commonwealth of MA motion to reopen record. Portion of proceeding re util alert & notification sys should be reopened on basis that foundations for LBP-89-17 no longer hold true. W/supporting info & Certificate of Svc. GREER, L.B. Massachusetts, Commonwealth of. #190 9785. 90/02/01. Atomic Safety and Licensing Appeal Panel. 272pp. 52538:109-52538:020.

-9002080040 Affidavit of AA Kelsey. Discusses radio coverage in Merrimac Valley. W/supporting info & Certificate of Svc. KELSEY, A.A. Arbitron Co. 89/11/21. 19pp. 52538:288-52538:306.

-9002080045 Applicant answer to intervenors motion to admit late-filed contention & reopen record based upon withdrawal of Commonwealth of MA emergency broadcast network & WCGY. W/supporting info & Certificate of Svc. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. 89/11/15. Atomic Safety and Licensing Board Panel. 75pp. 52538:307-52538:020.

9002280027 Seabrook "readiness" review. Requests Board to consider stated written views of attachments to NRC 900108 & 09 ltrs due to intervenors not receiving documents until afternoon of 900118 & after Commission meeting ended. W/related info. CURRAN, D. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Massachusetts, Commonwealth of. #190 9901. 90/02/01. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 127pp. 52684:259-52684:025.

9002060355 Forwards analysis of Rev 3 changes to State Of NH radiological emergency response plan & Rev 1 changes to Seabrook plan for Massachusetts communities. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/02. Document Control Branch (Document Control Desk). 367pp. 52557:014-52558:020.

9002130355 Rev 50 to emergency response manual. W/900202 ltr. MACDONALD, J.A., DRAWBRIDGE, B.L., FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/02. 681pp. 52639:300-52641:260.

9002120361 Emergency motion of intervenors to (1) clarify status of appeal of LBP-89-33 & (2) to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain circumstances. W/Certificate of Svc. TRAFICANTE, J. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9805. 90/02/06. Atomic Safety and Licensing Appeal Panel. 41pp. 52571:307-52571:347.

9002150103 Notice of filing. Submits two repts updating matts included in FEMA Dec 1988 consolidated finding on plant. Certificate of Svc encl. FLYNN, H.J., MCPHETERS, L.H. Federal Emergency Management Agency. #190 9829. 90/02/09. 162pp. 52606:083-52606:224.

9002160220 Forwards EDO 900209 memorandum providing addl info re various late-filed allegations made concerning plant & Insp Repts 50-443/90-80 & 50-443/80-82. Related correspondence. TURK, S.E. Assistant General Counsel for Hearings & Enforcement. #190 9884. 90/02/12. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. TRAFICANTE, J. Massachusetts, Commonwealth of. 231pp. 52638:108-52638:338.

9002220018 Intervenors reply to applicant response to ASLB order of 900111. Refutes applicant 900201 response that teachers have usual role to accompany students in emergency evacuations. W/supporting info & Certificate of Svc. TRAFICANTE, J. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9885. 90/02/12. Atomic Safety and Licensing Board Panel. 25pp. 52637:113-52637:137.

9002220028 Applicant response to Commonwealth of MA atty general motion to reopen record. Atty general 900201 motion should be denied due to motion lacking regulatory basis & not accompanied by requisite affidavits. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9891. 90/02/13. Atomic Safety and Licensing Appeal Panel. 32pp. 52637:142-52637:194.

-9002220040 Statement of R Sawyer re New Hampshire Yankee. Discusses concerns w/891103 affidavit taken by Commonwealth of MA atty general ofc, including fact that agency had no authority to participate in public safety planning. W/Certificate of Svc. SAWYER, R.N. Massachusetts, Commonwealth of. 89/11/17. 22pp. 52637:174-52637:194.

9002220093 Intervenors motion to suppl application for stay of LBP-89-32. Requests Commission to stay full power operation at plant until ASLB rules on intervenors suppl to reopen record. W/supporting info & Certificate of Svc. BROCK, M.T. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9895. 90/02/14. Commissioners. 50pp. 52637:211-52637:258.

9002280068 Intervenors brief in support of appeal of LPB-90-01. Decision should be reversed & emergency broadcast sys contention & addl basis admitted. W/supporting info & Certificate of Svc. GREER, L.B. Massachusetts, Commonwealth of. BACKUS, R.A. Backus, Meyer & Solomon. BACKUS, R.A. Seacoast Anti-Pollution League. #190 9910. 90/02/16. Atomic Safety and Licensing Appeal Panel. 83pp. 52685:317-52686:044.

9002060347 Rev 3 to Amend 2/90 to "State of NH Radiological Emergency Response Plan." W/900205 ltr. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/28. 57pp. 52555:197-52555:253.

## G. Adjudicatory correspondence

9002080120 Seacoast Anti-Pollution League objection to applicant motion of 900126. Motion considered frivolous & should be denied. Svc list encl. BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. #190 9798. 90/01/02. Atomic Safety and Licensing Board Panel. 5pp. 52537:298-52537:302.

9002010065 Forwards opening statement on behalf of Seacoast Anti-Pollution League re offsite emergency planning & safety issues. Adequate emergency planning at facility may not be feasible & license should not be issued. Svc list encl. BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. #190 9745. 90/01/19. SMITH, I.W., COLE, R.F., MCCOLLUM, K.A. Atomic Safety and Licensing Board Panel. 17pp. 52445:132-52445:148.

9002010078 On appeal from decision of ASLB LBP-89-28 (891012). Decision should be affirmed on basis that successful completion of low power testing not prerequisite to issuance of full power license. W/Certificate of Svc. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9735. 90/01/19. Atomic Safety and Licensing Appeal Panel. 49pp. 52445:015-52445:063.

9002010031 Brief of appellants-intervenors towns of Salisbury & Amesbury on appeal of partial initial decision on SPMC LBP-89-32. Matter should be remanded to Board & further hearings held. W/statement of issues & Certificate of Svc. SAINT ANDRE, B. Salisbury, MA. SAINT ANDRE, B. Amesbury, MA. SAINT ANDRE, B. Kopolman & Paige. #190 9739. 90/01/24. Atomic Safety and Licensing Appeal Panel. 32pp. 52445:273-52445:304.

9002010035 Town of West Newbury brief on appeal of partial initial decision on SPMC LBP-89-32. Decision should be reversed due to Board error in not admitting certain contentions. W/statement of issues & Certificate of Svc. MIZNER, J.H. West Newbury, MA. #190 9731. 90/01/24. Atomic Safety and Licensing Appeal Panel. 32pp. 52445:240-52445:272.

9002010039 Order. Advises that applicant 891220 motion to modify svc lists in plant proceedings & 891221 corrected motion requesting removal of listed names from svc list granted. Certificate of Svc encl. Served on 900125. CHILK, S.J. Office of the Secretary of the Commission. #190 9726. 90/01/24. Public Service Co. of New Hampshire. 8pp. 52445:305-52445:312.

9002010043 City of Newburyport brief on appeal of partial initial decision of SPMC LBP-89-32. ASLB decision should be reversed due to Board error in finding evacuation plan adequate. W/statement of issues & Certificate of Svc. EGAN, S.P. Newburyport, MA. EGAN, S.P. Lagoules, Hill-Whilton & Rotondi (formerly Lagoules, Clark, Hill-Whilton & McGuil. #190 9730. 90/01/24. Atomic Safety and Licensing Appeal Panel. 19pp. 52445:221-52445:239.

9002010054 Town of Hampton & NECNP brief on appeal of LBP-89-32. Requests ASLB to vacate LBP-89-32 & to order applicant to conduct remedial exercise to address deficiencies in TOH/NECNP EX-1. W/statement of issues & Certificate of Svc. MCEACHERN, P. Hampton, NH. MCEACHERN, P. Shalnes & McEachern. CURRAN, D. New England Coalition on Nuclear Pollution. #190 9728. 90/01/24. Atomic Safety and Licensing Appeal Panel. 36pp. 52445:157-52445:192.

9002010069 Town of Newbury brief on appeal of partial initial decision of SPMC LBP-89-32. Decision should be reversed due to ASLB error in rejecting contentions. W/statement of issues & Certificate of Svc. HILL-WHILTON, R. Newbury, MA. HILL-WHILTON, R. Lagoules, Hill-Whilton & Rotondi (formerly Lagoules, Clark, Hill-Whilton & McGuil. #190 9729. 90/01/24. Atomic Safety and Licensing Appeal Panel. 67pp. 52445:084-52445:131.

9002010105 Brief of Commonwealth of MA atty general in support of appeal of LBP-89-32. LBP-89-08, LBP-89-17 & LBP-89-32 should be reversed & 891109 license authorization revoked & vacated. W/statement of issues & Certificate of Svc. TRAFICANTE, J. Massachusetts, Commonwealth of. #190 9736. 90/01/24. Atomic Safety and Licensing Appeal Panel. 283pp. 52444:112-52445:014.

## 144 DOCKETED ITEMS

- 9002010142** Forwards Seacoast Anti-Pollution League brief in support of petitions for review of LBP-89-32. Also joins in Commonwealth of MA 900122 brief in support of appeal of LBP-89-38.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. #190 9751. 90/01/24. BOLLWERK, G.P., ROSENTHAL, A.S., WILBER, H.A. Atomic Safety and Licensing Appeal Panel. 1p. 52444:012-52444:098.
- 9002010149** Seacoast Anti-Pollution League brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32). Board erred in various rulings & decision. W/ supporting documentation & Svc list.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. 90/01/24. Atomic Safety and Licensing Appeal Panel. 86pp. 52444:013-52444:098.
- 9002010061** Applicant response to intervenors motion to file supplemental brief. Intervenor 900116 motion for leave to file supplemental brief re 891113 & 1201 motions should be denied & supplemental brief rejected. W/ Certificate of Svc.  
TROUT, J.P. Public Service Co. of New Hampshire. TROUT, J.P. Ropes & Gray. #190 9738. 90/01/25. Commissioners. 7pp. 52445:149-52445:155.
- 9002010113** Requests that RA Hampe & T Kinder be deleted & G Iverson be added to svc list for proceeding.  
MORAN, D.M. Atomic Safety and Licensing Board Panel. #190 9744. 90/01/26. Docketing & Services Branch. 1p. 52444:106-52444:111.
- 9002010118** Certificate of svc Seabrook license proceedings. Requests that RA Hampe & T Kinder be deleted & G Iverson be added to svc list for proceeding. W/ Certificate of Svc.  
HUNTINGTON, G.H. New Hampshire, State of. 89/12/12. Atomic Safety and Licensing Appeal Panel. 5pp. 52444:107-52444:111.
- 9002080062** Request for amend to svc list. Requests addition of author & deletion of P Ahrens to svc list. Certificate of Svc encl.  
BRANN, P.T. Maine, State of. #190 9793. 90/01/26. Atomic Safety and Licensing Board Panel. 6pp. 52538:075-52538:080.
- 9002080090** Applicant motion to dismiss abandoned remand issues. Seacoast Anti-Pollution League continues to display contempt for Board orders & should be required to face consequences. Certificate of Svc encl.  
TROUT, J.P. Public Service Co. of New Hampshire. TROUT, J.P. Ropes & Gray. #190 9768. 90/01/26. Atomic Safety and Licensing Board Panel. 10pp. 52538:011-52538:020.
- 9002120342** Forwards addl city of Newburyport brief on appeal of partial initial decision of SPMC LBP-89-32 & statement of issues presented re appeal of LBP-89-32. W/ o encls. Related correspondence.  
HILL-WHILTON, R. Newburyport, MA. HILL-WHILTON, R. Lagoulis, Hill-Whilton & Rondoni (formerly Lagoulis, Clark, Hill-Whilton & McGill. #190 9799. 90/01/26. TROUT, J. Public Service Co. of New Hampshire. TROUT, J. Ropes & Gray. 1p. 52572:196-52572:196.
- 9002120356** Forwards revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32) to include portions of transcript cited in brief as app.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. #190 9802. 90/01/29. BOLLWERK, G.P., ROSENTHAL, A.S., WILBER, H.A. Atomic Safety and Licensing Board Panel. 1p. 52571:350-52571:350.
- 9002120360** Seacoast Anti-Pollution League revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32). W/ supporting info & Certificate of Svc.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. 90/01/26. Atomic Safety and Licensing Board Panel. 200pp. 52571:351-52571:351.
- 9002080058** NRC Staff response to 900111 Board order & request to extend 900201 deadline. W/ Certificate of Svc. Served on 900201. Denied for Board on 900131.  
Assistant General Counsel for Hearings & Enforcement. #190 9776. 90/01/30. Atomic Safety and Licensing Board Panel. 4pp. 52538:081-52538:084.
- 9002080064** NRC Staff response to intervenors motion for leave to file supplemental brief. Board request for comments provides no basis for addl filings before Commission. Accordingly, motion should be denied. Certificate of Svc encl.  
YOUNG, M.A. Assistant General Counsel for Hearings & Enforcement. #190 9773. 90/01/30. Commissioners. 7pp. 52538:049-52538:055.
- 9002080113** NRC Staff brief in opposition to intervenors appeal of LBP-89-28. Board properly denied Seacoast Anti-Pollution League & NECNP motions to reopen record & decision should be affirmed. Certificate of Svc encl.  
BACHMANN, R.G. Assistant General Counsel for Hearings & Enforcement. #190 9785. 90/01/30. Atomic Safety and Licensing Appeal Panel. 47pp. 52537:303-52537:349.
- 9002120347** NRC Staff response to 900111 Board order & request to extend 900201 deadline. Suggests ASLB postpone consideration of issues in ALAB-924 remand until after Commission completes immediate effectiveness review. W/ Certificate of Svc.  
YOUNG, M.A. Assistant General Counsel for Hearings & Enforcement. #190 9800. 90/01/30. Atomic Safety and Licensing Board Panel. 5pp. 52572:191-52572:195.
- 9002080077** Order. Directs Seacoast Anti-Pollution League to file statement of issues that complies w/ 900102 order on or before 900205. W/ Certificate of Svc. Served on 900131.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9774. 90/01/31. Seacoast Anti-Pollution League. 5pp. 52538:022-52538:026.
- 9002080026** Commonwealth of MA motion to reopen record. Portion of proceeding re still alert & notification sys should be reopened on basis that foundations for LBP-89-17 no longer hold true. W/ supporting info & Certificate of Svc.  
GREER, L.B. Massachusetts, Commonwealth of. #190 9785. 90/02/01. Atomic Safety and Licensing Appeal Panel. 272pp. 52538:109-52538:020.
- 9002080040** Affidavit of AA Kelsey. Discusses radio coverage in Merrimac Valley. W/ supporting info & Certificate of Svc.  
KELSEY, A.A. Arbitron Co. 89/11/21. 19pp. 52538:288-52538:306.
- 9002080045** Applicant answer to intervenors motion to admit late-filed contention & reopen record based upon withdrawal of Commonwealth of MA emergency broadcast network & WCGY. W/ supporting info & Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. 89/11/15. Atomic Safety and Licensing Board Panel. 75pp. 52538:307-52538:020.
- 9002080036** Applicant response to Board order of 900111. Suggests that Board defer further action on remanded issues until Commission has spoken. W/ Certificate of Svc.  
TROUT, J.P. Public Service Co. of New Hampshire. TROUT, J.P. Reid & Priest. #190 9790. 90/02/01. Atomic Safety and Licensing Board Panel. 18pp. 52538:091-52538:108.
- 9002080098** NRC Staff further response to 900111 Board order. Advises Board not to proceed w/ further consideration of remanded issues until Commission has completed immediate effectiveness review of LBP-89-32. W/ Certificate of Svc.  
YOUNG, M.A. Assistant General Counsel for Hearings. #190 9781. 90/02/01. Atomic Safety and Licensing Board Panel. 6pp. 52537:203-52537:208.
- 9002080137** Response of Commonwealth of MA atty general & NECNP to Board order of 900111. Board should conduct hearings at point when Board could proceed in accordance w/ ALAB-924 & provide prelicensing hearings. Certificate of Svc encl.  
TRAFICONTE, J. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9784. 90/02/01. Atomic Safety and Licensing Board Panel. 9pp. 52537:224-52537:232.
- 9002150123** Forwards statement of issues to be included in Seacoast Anti-Pollution League brief in support of LBP-89-32. In response to 900131 order.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. #190 9831. 90/02/01. ROSENTHAL, A.S., WILBER, H.A., BOLLWERK, G.P. Atomic Safety and Licensing Appeal Panel. 1p. 52606:357-52606:360.
- 9002150128** Seacoast Anti-Pollution League brief in support of LBP-89-32. Statement of issues provided. Svc list encl.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. 90/02/05. Atomic Safety and Licensing Appeal Panel. 3pp. 52606:358-52606:360.
- 9002280027** Seabrook "readiness" review. Requests Board to consider stated written views of attachments to NRC 900108 & 09 ltrs due to intervenors not receiving documents until afternoon of 900118 & after Commission meeting ended. W/ related info.  
CURRAN, D. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Massachusetts, Commonwealth of. #190 9901. 90/02/01. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 127pp. 52684:259-52684:025.
- 9002120381** Emergency motion of intervenors to (1) clarify status of appeal of LBP-89-33 & (2) to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain circumstances. W/ Certificate of Svc.  
TRAFICONTE, J. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9805. 90/02/06. Atomic Safety and Licensing Appeal Panel. 41pp. 52571:307-52571:347.
- 9002130041** Intervenors opposition to applicant 900126 motion to dismiss abandoned remand issues. Motion should be denied due to ASLB 900111 order providing no basis for motion. Certificate of Svc encl.  
TRAFICONTE, J. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9811. 90/02/07. Atomic Safety and Licensing Board Panel. 9pp. 52572:239-52572:247.
- 9002150037** Intervenors request for opportunity to brief ALAB-924 in event Commission decides to review & for housekeeping stay. Request prompted by listed representations made by NRC & applicant in 900201 pleadings. W/ Certificate of Svc.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. BACKUS, R. Seacoast Anti-Pollution League. #190 9825. 90/02/08. Commissioners. 12pp. 52606:258-52606:269.
- 9002150103** Notice of filing. Submits two repts updating matrix included in FEMA Dec 1988 consolidated finding on plant. Certificate of Svc encl.  
FLYNN, H.J., MCPHETERS, L.H. Federal Emergency Management Agency. #190 9829. 90/02/09. 162pp. 52606:063-52606:224.
- 9002150157** Order. Extends time to 900313 in which Commission may review decision of Appeal Board in ALAB-924, per 10CFR2.772(e). Certificate of Svc encl. Served on 900212.  
HOYLE, J.C. Office of the Secretary of the Commission. #190 9837. 90/02/12. Commissioners. 4pp. 52608:054-52608:057.
- 9002150223** Memorandum. Oral argument tentatively scheduled for 900418 in Bethesda, MD re emergency planning matters raised in intervenors appeals from LBP-89-32, LBP-89-17, LBP-90-01 & related rulings. Certificate of Svc encl. Served on 900212.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9838. 90/02/12. 5pp. 52608:058-52608:062.
- 9002160220** Forwards EDO 900209 memorandum providing addl info re various late-filed allegations made concerning plant & Insp Repts 50-443/90-80 & 50-443/80-82. Related correspondence.  
TURK, S.E. Assistant General Counsel for Hearings & Enforcement. #190 9884. 90/02/12. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. TRAFICONTE, J. Massachusetts, Commonwealth of. 231pp. 52638:108-52638:338.
- 9002160223** Applicant motion for extension of time for filing & enlargement of page limitation re responsive brief to appeals taken from LBP-89-32 & certain.... W/ Certificate of Svc. Served on 900213. Granted for ASLB on 900213.  
Public Service Co. of New Hampshire. #190 9885. 90/02/12. Atomic Safety and Licensing Appeal Panel. 4pp. 52637:266-52637:269.
- 9002220008** NRC Staff response to Commonwealth of MA atty general & NECNP comments on remand issues. No bar presently exists to ASLB jurisdiction to consider remanded issues & jurisdictional arguments considered unavailing.  
YOUNG, M.A. Assistant General Counsel for Hearings & Enforcement. #190 9881. 90/02/12. Atomic Safety and Licensing Board Panel. 4pp. 52637:096-52637:108.



—9002220017 NRC Staff response to applicant motion to dismiss certain remanded issues.\* In light of Seacoast Anti-Pollution League withdrawal from participation in further proceeding before Board, three issues should be dismissed. W/Certificate of Svc. YOUNG, M.A. Assistant General Counsel for Hearings & Enforcement. 90/02/12. Atomic Safety and Licensing Board Panel. 10pp. 52637:100-52637:109.

9002220018 Intervenor's reply to applicant response to ASLB order of 900111.\* Refutes applicant 900201 response that teachers have usual role to accompany students in emergency evacuations. W/supporting info & Certificate of Svc. TRAFICANTE, J. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9885. 90/02/12. Atomic Safety and Licensing Board Panel. 25pp. 52637:113-52637:137.

9002220294 Applicant motion for extension of time for filing & enlargement of page limitation re responsive brief to appeals taken from LBP-89-32 & certain subsidiary decisions.\* Certificate of Svc. encl. TROUT, J.P. Public Service Co. of New Hampshire. TROUT, J.P. Ropes & Gray. #190 9883. 90/02/12. Atomic Safety and Licensing Appeal Panel. 5pp. 52638:339-52638:343.

9002220028 Applicant response to Commonwealth of MA atty general motion to reopen record.\* Atty general 900201 motion should be denied due to motion lacking regulatory basis & not accompanied by requisite affidavits. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9891. 90/02/13. Atomic Safety and Licensing Appeal Panel. 32pp. 52637:142-52637:194.

—9002220040 Statement of R Sawyer re New Hampshire Yankee.\* Discusses concerns w/891103 affidavit taken by Commonwealth of MA atty general, including fact that agency had no authority to participate in public safety planning. W/Certificate of Svc. SAWYER, R.N. Massachusetts, Commonwealth of. 89/11/17. 22pp. 52637:174-52637:194.

9002220049 Applicant reply to response of Commonwealth of MA atty general & NECNP to Board 900111 order.\* Commonwealth of MA atty general could not appeal issues or jump in to litigate issue on remand. W/Certificate of Svc. TROUT, J.P. Public Service Co. of New Hampshire. TROUT, J.P. Ropes & Gray. #190 9908. 90/02/13. Atomic Safety and Licensing Board Panel. 8pp. 52685:033-52685:040.

9002220093 Intervenor's motion to suppl application for stay of LBP-89-32.\* Requests Commission to stay full power operation at plant until ASLB rules on intervenors suppl to reopen record. W/supporting info & Certificate of Svc. BROCK, M.T. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousley. #190 9895. 90/02/14. Commissioners. 50pp. 52637:211-52637:258.

9002220112 Order.\* Requests NRC & applicant address matter of proper forum in responding to intervenors 900206 motion to reopen record re State of NH emergency plan & need for sheltering in certain instances. W/Certificate of Svc. HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 9890. 90/02/14. Office of the General Counsel (Post 860701). 7pp. 52637:259-52637:265.

9002280018 Applicant response to intervenors request for opportunity to brief ALAB-924 in event Commission decides to review & for housekeeping stay.\* Urges Commission to deny further briefing. W/Certificate of Svc. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9906. 90/02/15. Commissioners. 7pp. 52684:252-52684:258.

9002280001 Applicant motion to change oral argument date.\* Requests that date be changed from 900328 to 900329 due to counsel obligation as town of Sudbury, MA moderator. W/Certificate of Svc. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9912. 90/02/16. Atomic Safety and Licensing Appeal Panel. 5pp. 52684:159-52684:163.

9002280002 Applicant advice to Commission re erroneous statement in applicant response to intervenors immediate effectiveness review comments, stay requests & suppl to intervenors motion to vacate portions of LBP-89-32....\* W/Certificate of Svc. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9913. 90/02/16. Commissioners. 6pp. 52684:164-52684:169.

9002280003 Applicant response to intervenors motion to suppl application for stay of LBP-89-32.\* Motion should be denied on basis that filing considered late & lack of demonstration of significant issue. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9914. 90/02/16. Commissioners. 18pp. 52684:170-52684:187.

9002280004 Applicant response to emergency motion of intervenors to clarify status of appeal of LBP-89-33 & to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain....\* W/Certificate of Svc. DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9915. 90/02/16. Atomic Safety and Licensing Appeal Panel. 16pp. 52684:188-52684:202.

9002280005 Petition of FEMA for leave to file FEMA response to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances.\* FLYNN, H.J., MCPHETERS, L.H. Federal Emergency Management Agency. #190 9905. 90/02/16. Atomic Safety and Licensing Appeal Panel. 2pp. 52684:203-52684:214.

—9002280008 Response of FEMA to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances.\* Opposes reopening hearing record on account of newly available evidence. W/Certificate of Svc. FLYNN, H.J., MCPHETERS, L.H. Federal Emergency Management Agency. 90/02/16. Atomic Safety and Licensing Appeal Panel. 10pp. 52684:205-52684:214.

9002280045 Order.\* Advises that oral argument on appeals of Seacoast Anti-Pollution League, Commonwealth of MA & NECNP from ASLB Memorandum & Order LBP-89-28 will be held on 900328 In Bethesda, MD. Served on 900216. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9902. 90/02/16. Office of the General Counsel (Post 860701). 2pp. 52685:031-52685:032.

9002280068 Intervenor's brief in support of appeal of LPB-90-01.\* Decision should be reversed & emergency broadcast sys contention & addl basis admitted. W/supporting info & Certificate of Svc. GREER, L.B. Massachusetts, Commonwealth of. BACKUS, R.A. Backus, Meyer & Solomon. BACKUS, R.A. Seacoast Anti-Pollution League. #190 9910. 90/02/16. Atomic Safety and Licensing Appeal Panel. 83pp. 52685:317-52686:044.

## H. General correspondence

9002050027 Responds to 891212 request for status report on NRC licensing activities at plant, response to comments by two constituents re facility & NRC response to several Senate colleagues on procedures used by Commission in licensing proceeding. PARLER, W.C. Office of the General Counsel (Post 860701). 90/01/04. COHEN, W.S. Senate. 7pp. 52634:150-52634:170.

—9002050030 Requests review & comments on encl ltrs from constituents re licensing of plant & procedures followed in licensing of plant. COHEN, W.S. Senate. 89/12/12. BRADBURN, J.C. Congressional Affairs. 4pp. 52547:127-52547:130.

9002220342 Responds to 900111 ltr requesting consideration of denial of license to operate, based on Board of Selectmen of Town of Essex, MA 890711 ltr & advises that request for cited issues be addressed before NRC consider decision re license denial. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/09. PIERCE-BJORKLUN Affiliation Not Assigned. 4pp. 52686:124-52686:131.

—9002220353 Notice of receipt of petition for director's decision under 10CFR2.206, requesting consideration of denial of license to operate facility. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/09. 4pp. 52696:128-52696:131.

## P. Operating license stage documents & correspondence

9002160214 Press release advising of Commission 900118 public briefing in Rockville, MD to discuss consideration of full power license for plant. Certificate of Svc. encl. Served on 900105. \* Office of Governmental & Public Affairs (Post 870413). #190 9957. 90/01/03. 5pp. 52636:070-52636:074.

9002020014 Advises that Amend 63 to updated FSAR will be submitted on or before 900315 so that latest plant procedures, Tech Specs & any changes necessitated by power ascension test program can be reflected. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/08. Document Control Branch (Document Control Desk). 2pp. 52533:149-52533:150.

9001290026 Forwards Tech Specs correcting errors in index & typos. Will performed process to certify Tech Specs based on review of FSAR through Amend 62 & SER through Suppl 8 & plant as-built condition. Submitted per V Nerses 900111 request. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/12. Document Control Branch (Document Control Desk). 3pp. 52469:053-52469:058.

—9001290028 Proposed Tech Specs correcting errors in index & typos certifying Tech Specs based on review of FSAR through Amend 62, SER through Suppl 8 & plant as-built condition. \* Public Service Co. of New Hampshire. 90/01/12. 3pp. 52469:056-52469:058.

9002010257 Submits info requested by Chairman Carr re facility maint backlog. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/19. Document Control Branch (Document Control Desk). 2pp. 52505:171-52505:172.

9001300431 Provides notification of completion of inadequate core cooling monitoring sys enhancements. NUREG-0737, Item II.F.2. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:305-52490:306.

9002020009 Submits addl info re FSAR Chapter 14 revs, per NRC request. Control room operators believed to be appropriately trained re natural circulation testing. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52526:066-52526:067.

9002070264 Advises that licensee 880527 response to Generic Ltr 88-05, "Boric Acid Corrosion of Carbon Steel Reactor Boundary Components in PWR Plants," provides assurances that program in place dealing w/boric acid leakage. NERSES, V. Project Directorate I-3. 90/01/25. BROWN, E.A. Public Service Co. of New Hampshire. 3pp. 52604:206-52604:208.

9002230207 Forwards Interim control rod withdrawal limits for facility, Cycle 1, per Tech Spec 3.1.1.3, Action a.3. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/30. Document Control Branch (Document Control Desk). 3pp. 52701:140-52701:142.

9002070267 Staff requirements memo re 900118 immediate effectiveness review briefing in Rockville, MD by representatives of New Hampshire Yankee, Commonwealth of MA & other parties re readiness to operate facility at full power. CHILK, S.J. Office of the Secretary of the Commission. 90/01/31. TAYLOR, J.M. Ofc of the Executive Director for Operations. 2pp. 52604:251-52604:252.

9002080065 Forwards info re mods to plant NPDES permit, per plant environ protection plan, App B to License NPF-67. FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/31. Document Control Branch (Document Control Desk). 11pp. 52609:132-52609:168.

—9002080068 "Flow Measurements, Seabrook Unit 1, Seabrook, NH, Circulating Water Pumps." HECKER, G.E. Alden Research Laboratory. 85/09/30. 28pp. 52609:143-52609:168.

9002080325 Requests that encl Action Statements c & d to Tech Spec 3.5.1.1 be reviewed & if appropriate, use for inclusion in plant full power Tech Specs be certified. NERSES, V. Project Directorate I-3. 90/01/31. BROWN, E.A. Public Service Co. of New Hampshire. 5pp. 52609:001-52609:005.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc ltr encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002090103 Grants until 900109 request for discretionary enforcement for steam turbine driven emergency feedwater pump testing at facility. RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/01. BROWN, E.A. Public Service Co. of New Hampshire. 6pp. 52607:060-52607:068.

## 146 DOCKETED ITEMS

—9002090105 Requests discretionary enforcement applied to Tech Spec to allow unit to remain in Mode 3 to facilitate performance of required testing.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/09. RUSSELL, W.T. Region 1, Ofc of the Director. 3pp. 52607:066-52607:068.

9002150261 Provides updated maint activity & schedule info as followup to util 900125 ltr. Emergency feedwater sys turbine uncoupled overspeed test expected to be performed on 900207 w/entry into Mode 3 scheduled for 900209. Schematic encl.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/06. RUSSELL, W.T. Region 1, Ofc of the Director. 4pp. 52656:088-52656:091.

9002160072 Advises that 890221 response to Generic Ltr 88-14, "Instrument Air Supply Sys Problems Affecting Safety-Related Equipment" acceptable.  
NERSES, V. Project Directorate I-3. 90/02/08. BROEN, E.A. Public Service Co. of New Hampshire. 3pp. 52668:005-52668:007.

9002150254 Submits addl info re late-filed allegations & status rept on plant matl readiness from util, per 900118 status briefing. Encl Insp Rept 50-443/90-08 describes review of 255 allegations. Allegations unsubstantiated. W/o encls.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/09. CARR, ROBERTS, ROGERS Commissioners. 3pp. 52658:094-52658:096.

9002220085 Forwards revised Tech Specs re ECCS, per 900131 application for amend to License NFP-67. Certifies that end Tech Specs accurately reflect as-built plant configuration, FSAR through Amend 62 & SSER 8.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52696:120-52696:123.

—9002220087 Proposed Tech Spec 3/4.5.1, "Accumulators," revising Action Statement D re declaring accumulators inoperable.  
\* Public Service Co. of New Hampshire. 90/02/09. 1p. 52696:123-52696:123.

9002220338 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Concerns w/lining of pipes & valves have been effectively corrected & being monitored to ensure sys & component integrity maintained.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/09. Document Control Branch (Document Control Desk). 18pp. 52695:324-52695:341.

### Q. Inspection reports, IE Bulletins & correspondence

9001290148 Concurs that util may restart plant, subj to satisfaction of Tech Spec requirements & license conditions imposed by License NFP-67 & confirms that implementation of programmatic changes enhanced ability to conduct testing.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/01/09. BROWN, E.A. Public Service Co. of New Hampshire. 7pp. 52468:104-52468:110.

9001310026 Forwards Exam Rept 50-443/89-11OL administered during wk of 891113. Licensee requested to pay attention to open item in Section 4 of rept.  
GALLO, R.M. Region 1, Ofc of the Director. 90/01/10. BROWN, E.A. Public Service Co. of New Hampshire. 2pp. 52497:271-52498:040.

—9001310029 Exam Rept 50-443/89-11OL on 891113-17. Exam results: five out of eight senior reactor operator candidates & all four reactor operator candidates passed exams & granted licenses.  
YACHIMIAKE, ESELGROTH, P.W. Region 1, Ofc of the Director. 90/01/05. 127pp. 52497:273-52498:040.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002020112 Responds to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Refueling procedures scheduled to be prepared during first operating cycle of unit.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52546:275-52546:276.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002280027 Seabrook "readiness" review. Requests Board to consider stated written views of attachments to NRC 900108 & 09 ltrs due to intervenors not receiving documents until afternoon of 900118 & after Commission meeting ended. W/related info. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curran & Tousey, #180 9901. 90/02/01. CARR, K.M., CURTISS, J.R. Commissioners. 127pp. 52684:259-52685:025.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002230181 Forwards Insp Rept 50-443/89-17 on 891106-10 & notice of violation.  
HODGES, M.W. Region 1, Ofc of the Director. 90/02/05. BROWN, E.A. Public Service Co. of New Hampshire. 2pp. 52716:211-52716:225.

—9002230186 Notice of violation from insp on 891106-10. Violation noted: licensee failed to demonstrate qualification of installed ASCO valve configuration, by either test or analysis.  
\* Region 1, Ofc of the Director. 90/02/05. 1p. 52716:213-52716:213.

—9002230192 Insp Rept 50-443/89-17 on 891106-10 & 1204. Violation noted. Major areas inspected: licensee implementation of environ qualification program for establishing & maintaining qualification of electrical equipment.  
PAOLINO, R.J., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/19. 12pp. 52716:214-52716:225.

9002220280 Forwards Insp Rept 50-443/90-80 on 900111-0203. No allegations representing matl condition that would move NRC to recommend establishing new license condition noted. Seven unresolved items noted.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/07. BROWN, E.A. Public Service Co. of New Hampshire. 2pp. 52679:271-52680:054.

—9002220287 Insp Rept 50-443/90-80 on 900111-0203. No allegations representing matl condition that would move NRC to recommend establishing new license condition noted. Seven unresolved items noted. Major areas inspected: allegations re plant.  
DURR, J.P. Region 1, Ofc of the Director. 90/02/07. 142pp. 52679:273-52680:054.

9002220725 Responds to NRC 900109 ltr re violations noted in Insp Rept 50-443/89-19. Corrective actions: Design Change Rept 89-39 approved & installed to relocate existing sample vessels inside 300 F heated end to preclude moisture condensation.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/07. Document Control Branch (Document Control Desk). 4pp. 52696:113-52696:116.

9002150254 Submits addl info re late-filed allegations & status rept on plant matl readiness from util, per 900118 status briefing. Encl Insp Rept 50-443/90-08 describes review of 255 allegations. Allegations unsubstantiated. W/o encls.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/09. CARR, ROBERTS, ROGERS Commissioners. 3pp. 52656:094-52656:096.

9002160220 Forwards EDO 900209 memorandum providing addl info re various late-filed allegations made concerning plant & Insp Repts 50-443/90-80 & 50-443/80-82. Related correspondence.  
TURK, S.E. Assistant General Counsel for Hearings & Enforcement. #190 9884. 90/02/12. CURRAN, D. New England Coalition on Nuclear Pollution. BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Meyer & Solomon. 231pp. 52638:108-52638:338.

### S. Reportable occurrences, LERs & related correspondence

9002060312 PNO-I-90-007: on 900130, plant manager suspended from work due to failure to pass breathalyzer test w/alcohol content above program limits (.04). Site access suspended & licensee initiated independent review. State of NH notified.  
MCCABE, E. Region 1, Ofc of the Director. 90/01/31. 1p. 52558:062-52558:062.

9002220226 LER 90-002-00: on 900109, discovered that auxiliary sample pump used to satisfy action requirements of Tech Spec was not operating. Caused by dislodged power fuse. Pump relocated & caution tape installed to protect pump. W/900208 ltr.  
BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/08. 3pp. 52658:076-52658:078.

9002220236 LER 90-001-00: on 900109, wide range gas monitor low range pump found to be inoperable, resulting in noncompliance w/ Tech Specs. Caused by regulator isolation valves being left in open position. Walkdown of skids conducted. W/900208 ltr.  
BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/08. 4pp. 52658:079-52658:082.

9002230221 LER 90-003-00: on 900116, wide-range gas monitor low range pump found inoperable. Caused by failed pump diaphragm weakened by high flow condition. Ruptured pump diaphragm replaced & pump returned to normal operations. W/900215 ltr.  
BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/15. 3pp. 52713:078-52713:080.

### T. Hearing transcripts on non-antitrust matters

9001290155 Summary of 900112 meeting w/util & plant joint owners re licensee & plant readiness for full-power operation. Topics discussed listed. Transcript of meeting & list of attendees encl.  
NERSES, V. Project Directorate I-3. 90/01/18. Project Directorate I-3. 5pp. 52470:075-52470:277.

—9001290159 Transcript of 900112 meeting w/util in Seabrook, NH re plant readiness for operation at full-power. Pp 1-121. Supporting documentation encl.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/12. 150pp. 52470:080-52470:277.

9002130136 Transcript of 900118 briefing in Rockville, MD re immediate effectiveness review briefing for plant. Pp 1-95.  
\* Commissioners. 90/01/18. 178pp. 52649:003-52649:178.

### U. Congressional/Executive Correspondence

9001240029 Responds to questions re generic views on Commission requirements for emergency preparedness.  
CARR, K.M. Commissioners. 90/01/17. KOSTMAYER, P.H. House of Rep., Interior & Insular Affairs. 37pp. 52403:168-52403:218.

—9001240032 Corrected ltr requesting response to listed questions re erosion of reasonable assurance std & fairness of licensing process re Seabrook. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 90/01/05. CARR,K.M. Commissioners. 4pp. 52403:209-52403:218.

—9002050322 Carr response to PH Kostmayer Subcommittee on General Oversight & Investigation on Question 1 from 900106 ltr. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:006-52584:006.

—9002050325 Carr response to PH Kostmayer 900106 ltr, Question 2a re Commission requirements for emergency preparedness. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 2pp. 52584:007-52584:008.

—9002050327 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 2b. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 2pp. 52584:009-52584:010.

—9002050331 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 2c. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:011-52584:011.

—9002050333 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 3. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 22pp. 52634:102-52634:149.

—9002050335 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 4. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:017-52584:017.

—9002050339 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 5. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:018-52584:018.

—9002050340 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 6. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:019-52584:019.

—9002050341 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 7. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:020-52584:020.

—9002050343 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 8. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:021-52584:021.

—9002050346 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 9. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:022-52584:022.

—9002050350 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 10. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:023-52584:023.

—9002050358 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 11. CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:024-52584:024.

9002150252 Forwards EDO status rept on facility ref during subcommittee 900208 hearing on NRC 1991 budget request W/o encl. RATHBUN,D.K. Congressional Affairs. 90/02/12. UDALL,M.K. House of Rep., Interior & Insular Affairs. 1p. 52656:063-52656:063.

#### V. Operator Examinations

9002140290 Forwards revised NRC Forms 396 & 398 re personal qualifications - licensee & certification of medical exam by facility licensee, respectively. Applications for licenses should be submitted on revised forms by 900201. GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. BROWN,E.A. Public Service Co. of New Hampshire. 8pp. 52655:083-52655:090.

9001310026 Forwards Exam Rept 50-443/89-11OL administered during wk of 891113. Licensee requested to pay attention to open item in Section 4 of rept. GALLO,R.M. Region 1, Ofc of the Director. 90/01/10. BROWN,E.A. Public Service Co. of New Hampshire. 2pp. 52497:271-52498:040.

—9001310029 Exam Rept 50-443/89-11OL on 891113-17. Exam results: five out of eight senior reactor operator candidates & all four reactor operator candidates passed exams & granted licenses. YACHIMIAK,E., ESELGROTH,P.W. Region 1, Ofc of the Director. 90/01/05. 127pp. 52497:273-52498:040.

9002140097 Discusses generic fundamentals exam section of written operator licensing exam per Generic Ltr 89-17 re planned administrative changes to NRC operator licensing written exam process, dtd 890906. GALLO,R.M. Region 1, Ofc of the Director. 90/01/24. BROWN,E.A. Public Service Co. of New Hampshire. 8pp. 52653:173-52653:180.

9002180065 Advises that reactor operator & senior reactor operator licensing exams scheduled for 900410-12. Encl ref mat requested in order to meet exam schedule. ESELGROTH,P.W. Region 1, Ofc of the Director. 90/01/31. BROWN,E.A. Public Service Co. of New Hampshire. 11pp. 52679:102-52679:112.

#### DOCKET 50-444 SEABROOK NUCLEAR STATION, UNIT 2

##### A. Application/construction stage documents & correspondence

9002160214 Press release advising of Commission 900118 public briefing in Rockville, MD to discuss consideration of full power license for plant. Certificate of Svc encl. Served on 900105. \* Office of Governmental & Public Affairs (Post 870413). #190 9657. 90/01/03. 5pp. 52636:070-52636:074.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

##### F. Security, medical, emergency & fire protection plans

9002050337 Provides addl response to NRC 891117 request for status rept from FEMA on readiness of plant public ANS. PETERSON,G.C. Federal Emergency Management Agency. 90/01/12. TAYLOR,J.M. Ofc of the Executive Director for Operations. 9pp. 52541:328-52541:336.

9002120356 Forwards revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32) to include portions of transcript cited in brief as app. BACKUS,R.A. Seacoast Anti-Pollution League. #190 9802. 90/01/29. BOLLWERK,G.P. Atomic Safety and Licensing Board Panel. 1p. 52571:350-52571:190.

—9002120360 Seacoast Anti-Pollution League revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32). \* W/supporting info & Certificate of Svc. BACKUS,R.A. Seacoast Anti-Pollution League. 90/01/26. Atomic Safety and Licensing Board Panel. 200pp. 52571:351-52571:190.

9002080026 Commonwealth of MA motion to reopen record. \* Portion of proceeding re util alert & notification sys should be reopened on basis that foundations for LBP-89-17 no longer hold true. W/supporting info & Certificate of Svc. GREER,L.B. Massachusetts, Commonwealth of. #190 9785. 90/02/01. Atomic Safety and Licensing Appeal Panel. 272pp. 52538:109-52539:020.

—9002080040 Affidavit of AA Kelsey. \* Discusses radio coverage in Merrimac Valley. W/supporting info & Certificate of Svc. KELSEY,A.A. Arbitron Co. 89/11/21. 19pp. 52538:288-52538:306.

—9002080045 Applicant answer to intervenors motion to admit late-filed contention & reopen record based upon withdrawal of Commonwealth of MA emergency broadcast network & WCGY. \* W/supporting info & Certificate of Svc. DIGNAN,T.G. Public Service Co. of New Hampshire. 89/11/15. Atomic Safety and Licensing Board Panel. 75pp. 52538:307-52539:020.

9002280027 Seabrook "readiness" review. \* Requests Board to consider stated written views of attachments to NRC 900108 & 09 ltrs due to intervenors not receiving documents until afternoon of 900118 & after Commission meeting ended. W/related info. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9801. 90/02/01. CARR,K.M., CURTISS,J.R. Commissioners. 127pp. 52684:259-52685:025.

9002120361 Emergency motion of intervenors to (1) clarify status of appeal of LBP-89-33 & (2) to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain circumstances. \* W/Certificate of Svc. TRAFICANTE,J. Massachusetts, Commonwealth of. BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9805. 90/02/06. Atomic Safety and Licensing Appeal Panel. 41pp. 52571:307-52571:347.

9002150103 Notice of filing. \* Submits two repts updating mats included in FEMA Dec 1988 consolidated finding on plant. Certificate of Svc encl. FLYNN,H.J. Federal Emergency Management Agency. #190 9829. 90/02/09. 162pp. 52606:063-52606:224.

9002160220 Forwards EDO 900209 memorandum providing addl info re various late-filed allegations made concerning plant & Insp Repts 50-443/90-80 & 50-443/80-82. Related correspondence. TURK,S.E. Assistant General Counsel for Hearings & Enforcement. #190 9884. 90/02/12. CURRAN,D. New England Coalition on Nuclear Pollution. BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. 231pp. 52636:108-52636:336.

9002220018 Intervenors reply to applicant response to ASLB order of 900111. \* Refutes applicant 900201 response that teachers have usual role to accompany students in emergency evacuations. W/supporting info & Certificate of Svc. TRAFICANTE,J. Massachusetts, Commonwealth of. BACKUS,R. Seacoast Anti-Pollution League. BACKUS,R. Backus, Meyer & Solomon. #190 9885. 90/02/12. Atomic Safety and Licensing Board Panel. 25pp. 52637:113-52637:137.

9002220028 Applicant response to Commonwealth of MA atty general motion to reopen record. \* Atty general 900201 motion should be denied due to motion lacking regulatory basis & not accompanied by requisite affidavits. DIGNAN,T.G. Public Service Co. of New Hampshire. #190 9891. 90/02/13. Atomic Safety and Licensing Appeal Panel. 32pp. 52637:142-52637:194.

—9002220040 Statement of R Sawyer re New Hampshire Yankee. \* Discusses concerns w/891103 affidavit taken by Commonwealth of MA atty general ofc, including fact that agency had no authority to participate in public safety planning. W/Certificate of Svc. SAWYER,R.N. Massachusetts, Commonwealth of. 89/11/17. 22pp. 52637:174-52637:194.

9002220093 Intervenors motion to suppl application for stay of LBP-89-32. \* Requests Commission to stay full power operation at plant until ASLB rules on intervenors suppl to reopen record. W/supporting info & Certificate of Svc. BROCK,M.T. Massachusetts, Commonwealth of. BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9895. 90/02/14. Commissioners. 50pp. 52637:211-52637:258.

## 148 DOCKETED ITEMS

**9002280068** Intervenor brief in support of appeal of LPB-90-01.\* Decision should be reversed & emergency broadcast sys contention & addl basis admitted.W/supporting info & Certificate of Svc.  
GREER,L.B. Massachusetts, Commonwealth of. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9910. 90/02/16. Atomic Safety and Licensing Appeal Panel. 83pp. 52685:317-52686:044.

### G. Adjudicatory correspondence

**9002080120** Seacoast Anti-Pollution League objection to applicant motion of 900126.\* Motion considered frivolous & should be denied. Svc list encl.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9798. 90/01/02. Atomic Safety and Licensing Board Panel. 5pp. 52537:298-52537:302.

**9002010065** Forwards opening statement on behalf of Seacoast Anti-Pollution League re offsite emergency planning & safety issues.Adequate emergency planning at facility may not be feasible & license should not be issued.Svc list encl.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9745. 90/01/19. SMITH,I.W., COLER,F., MCCOLLOM,K.A. Atomic Safety and Licensing Board Panel. 17pp. 52445:132-52445:148.

**9002010078** On appeal from decision of ASLB LBP-89-28 (891012). \* Decision should be affirmed on basis that successful completion of low power testing not prerequisite to issuance of full power license.W/Certificate of Svc.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9735. 90/01/19. Atomic Safety and Licensing Appeal Panel. 49pp. 52445:015-52445:063.

**9002010031** Brief of appellants-intervenor towns of Salisbury & Amesbury on appeal of partial initial decision on SPMC LBP-89-32.\* Matter should be remanded to Board & further hearings held.W/statement of issues & Certificate of Svc.  
SAINT ANDRE,B. Salisbury, MA. SAINT ANDRE,B. Amesbury, MA. SAINT ANDRE,B. Kopelman & Paige. #190 9739. 90/01/24. Atomic Safety and Licensing Appeal Panel. 32pp. 52445:273-52445:304.

**9002010035** Town of West Newbury brief on appeal of partial initial decision on SPMC LBP-89-32.\* Decision should be reversed due to Board error in not admitting certain contentions.W/ statement of issues & Certificate of Svc.  
MIZNER,J.H. West Newbury, MA. #190 9731. 90/01/24. Atomic Safety and Licensing Appeal Panel. 32pp. 52445:240-52445:272.

**9002010039** Order.\* Advises that applicant 891220 motion to modify svc lists in plant proceedings & 891221 corrected motion requesting removal of listed names from svc list granted. Certificate of Svc encl.Served on 900125.  
CHILK,S.J. Office of the Secretary of the Commission. #190 9726. 90/01/24. Public Service Co. of New Hampshire. 6pp. 52445:305-52445:312.

**9002010043** City of Newburyport brief on appeal of partial initial decision of SPMC LBP-89-32.\* ASLB decision should be reversed due to Board error in finding evacuation plan adequate.W/statement of issues & Certificate of Svc.  
EGAN,S.P. Newburyport, MA. EGAN,S.P. Lagoulis, Hill-Whilton & Rotondi (formerly Lagoulis, Clark, Hill-Whilton & McGul. #190 9730. 90/01/24. Atomic Safety and Licensing Appeal Panel. 19pp. 52445:221-52445:239.

**9002010054** Town of Hampton & NECNP brief on appeal of LBP-89-32.\* Requests ASLB to vacate LBP-89-32 & to order applicant to conduct remedial exercise to address deficiencies in TOH/NECNP EX-1.W/statement of issues & Certificate of Svc.  
MCEACHERN,P. Hampton, NH. MCEACHERN,P. Shaines & McEachern. CURRAN,D. New England Coalition on Nuclear Pollution. #190 9728. 90/01/24. Atomic Safety and Licensing Appeal Panel. 36pp. 52445:157-52445:192.

**9002010069** Town of Newbury brief on appeal of partial initial decision of SPMC LBP-89-32.\* Decision should be reversed due to ASLB error in rejecting contentions.W/ statement of issues & Certificate of Svc.  
HILL-WHILTON,R. Newbury, MA. HILL-WHILTON,R. Lagoulis, Hill-Whilton & Rotondi (formerly Lagoulis, Clark, Hill-Whilton & McGul. #190 9729. 90/01/24. Atomic Safety and Licensing Appeal Panel. 67pp. 52445:064-52445:131.

**9002010105** Brief of Commonwealth of MA atty general in support of appeal of LBP-89-32.\* LBP-89-08,LBP-89-17 & LBP-89-32 should be reversed & 891109 license authorization revoked & vacated.W/statement of issues & Certificate of Svc.  
TRAFICANTE,J. Massachusetts, Commonwealth of. #190 9736. 90/01/24. Atomic Safety and Licensing Appeal Panel. 263pp. 52444:112-52445:014.

**9002010142** Forwards Seacoast Anti-Pollution League brief in support of petitions for review of LBP-89-32.Also joins in Commonwealth of MA 900122 brief in support of appeal of LBP-89-38.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9751. 90/01/24. BOLLWERK,G.P., ROSENTHAL,A.S., WILBER,H.A. Atomic Safety and Licensing Appeal Panel. 1p. 52444:012-52444:098.

**-9002010149** Seacoast Anti-Pollution League brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32). \* Board erred in various rulings & decision.W/ supporting documentation & Svc list.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. 90/01/24. Atomic Safety and Licensing Appeal Panel. 86pp. 52444:013-52444:098.

**9002010061** Applicant response to intervenors motion to file supplemental brief.\* Intervenor 900116 motion for leave to file supplemental brief re 891113 & 1201 motions should be denied & supplemental brief rejected.W/Certificate of Svc.  
TROUT,J.P. Public Service Co. of New Hampshire. TROUT,J.P. Ropes & Gray. #190 9738. 90/01/25. Commissioners. 7pp. 52445:149-52445:155.

**9002010113** Requests that RA Hampe & T Kinder be deleted & G Iverson be added to svc list for proceeding.  
MORAN,D.M. Atomic Safety and Licensing Board Panel. #190 9744. 90/01/26. Docketing & Services Branch. 1p. 52444:106-52444:111.

**-9002010118** Certificate of svc Seabrook license proceedings.\* Requests that RA Hampe & T Kinder be deleted & G Iverson be added to svc list for proceeding.W/ Certificate of Svc.  
HUNTINGTON,G.H. New Hampshire, State of. 89/12/12. Atomic Safety and Licensing Appeal Panel. 5pp. 52444:107-52444:111.

**9002080062** Request for amend to svc list.\* Requests addition of author & deletion of P Ahrens to svc list.Certificate of Svc encl.  
BRANN,P.T. Maine, State of. #190 9793. 90/01/26. Atomic Safety and Licensing Board Panel. 6pp. 52538:075-52538:080.

**9002080090** Applicant motion to dismiss abandoned remand issues.\* Seacoast Anti-Pollution League continues to display contempt for Board orders & should be required to face consequences.Certificate of Svc encl.  
TROUT,J.P. Public Service Co. of New Hampshire. TROUT,J.P. Ropes & Gray. #190 9788. 90/01/26. Atomic Safety and Licensing Board Panel. 10pp. 52538:011-52538:020.

**9002120342** Forwards addl city of Newburyport brief on appeal of partial initial decision of SPMC LBP-89-32 & statement of issues presented re appeal of LBP-89-32.W/o encls.Related correspondence.  
HILL-WHILTON,R. Newburyport, MA. HILL-WHILTON,R. Lagoulis, Hill-Whilton & Rotondi (formerly Lagoulis, Clark, Hill-Whilton & McGul. #190 9799. 90/01/26. TROUT,J. Public Service Co. of New Hampshire. TROUT,J. Ropes & Gray. 1p. 52572:196-52572:196.

**9002120356** Forwards revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32) to include portions of transcript cited in brief as app.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9802. 90/01/29. BOLLWERK,G.P., ROSENTHAL,A.S., WILBER,H.A. Atomic Safety and Licensing Board Panel. 1p. 52571:350-52572:190.

**-9002120360** Seacoast Anti-Pollution League revised brief on appeal of partial initial decision on SPMC & 1988 FEMA-graded exercise (LBP-89-32). \* W/supporting info & Certificate of Svc.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. 90/01/26. Atomic Safety and Licensing Board Panel. 200pp. 52571:351-52572:190.

**9002080058** NRC Staff response to 900111 Board order & request to extend 900201 deadline.\* W/Certificate of Svc.Served on 900201. Denied for Board on 900131.  
\* Assistant General Counsel for Hearings & Enforcement. #190 9776. 90/01/30. Atomic Safety and Licensing Board Panel. 4pp. 52538:081-52538:084.

**9002080064** NRC Staff response to intervenors motion for leave to file supplemental brief.\* Board request for comments provides no basis for addl filings before Commission.Accordingly,motion should be denied.Certificate of Svc encl.  
YOUNG,M.A. Assistant General Counsel for Hearings & Enforcement. #190 9773. 90/01/30. Commissioners. 7pp. 52538:049-52538:055.

**9002080113** NRC Staff brief in opposition to intervenors appeal of LBP-89-28.\* Board properly denied Seacoast Anti-Pollution League & NECNP motions to reopen record & decision should be affirmed.Certificate of Svc encl.  
BACHMANN,R.G. Assistant General Counsel for Hearings & Enforcement. #190 9765. 90/01/30. Atomic Safety and Licensing Appeal Panel. 47pp. 52537:303-52537:349.

**9002120347** NRC Staff response to 900111 Board order & request to extend 900201 deadline.\* Suggests ASLB postpone consideration of issues in ALAB-924 remand until after Commission completes immediate effectiveness review.W/Certificate of Svc.  
YOUNG,M.A. Assistant General Counsel for Hearings & Enforcement. #190 9800. 90/01/30. Atomic Safety and Licensing Board Panel. 5pp. 52572:191-52572:195.

**9002080077** Order.\* Directs Seacoast Anti-Pollution League to file statement of issues that complies w/900102 order on or before 900205.W/Certificate of Svc.Served on 900131.  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel. #190 9774. 90/01/31. Seacoast Anti-Pollution League. 5pp. 52538:022-52538:026.

**9002080026** Commonwealth of MA motion to reopen record.\* Portion of proceeding re util alert & notification sys should be reopened on basis that foundations for LBP-89-17 no longer hold true.W/supporting info & Certificate of Svc.  
GREER,L.B. Massachusetts, Commonwealth of. #190 9785. 90/02/01. Atomic Safety and Licensing Appeal Panel. 272pp. 52538:109-52538:020.

**-9002080040** Affidavit of AA Kelsey.\* Discusses radio coverage in Merrimac Valley.W/ supporting info & Certificate of Svc.  
KELSEY,A.A. Arbitron Co. 89/11/21. 19pp. 52538:288-52538:306.

**-9002080045** Applicant answer to intervenors motion to admit late-filed contention & reopen record based upon withdrawal of Commonwealth of MA emergency broadcast network & WCGY.\* W/ supporting info & Certificate of Svc.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. 89/11/15. Atomic Safety and Licensing Board Panel. 75pp. 52538:307-52538:020.

**9002080036** Applicant response to Board order of 900111.\* Suggests that Board defer further action on remanded issues until Commission has spoken.W/Certificate of Svc.  
TROUT,J.P. Public Service Co. of New Hampshire. TROUT,J.P. Reid & Priest. #190 9790. 90/02/01. Atomic Safety and Licensing Board Panel. 18pp. 52538:091-52538:108.

**9002080098** NRC Staff further response to 900111 Board order.\* Advises Board not to proceed w/further consideration of remanded issues until Commission has completed immediate effectiveness review of LBP-89-32.W/Certificate of Svc.  
YOUNG,M.A. Assistant General Counsel for Hearings. #190 9781. 90/02/01. Atomic Safety and Licensing Board Panel. 6pp. 52537:203-52537:208.

**9002080137** Response of Commonwealth of MA atty general & NECNP to Board order of 900111.\* Board should conduct hearings at point when Board could proceed in accordance w/ALAB-924 & provide prelicensing hearings.Certificate of Svc encl.  
TRAFICANTE,J. Massachusetts, Commonwealth of. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9784. 90/02/01. Atomic Safety and Licensing Board Panel. 9pp. 52537:224-52537:232.

**9002150123** Forwards statement of issues to be included in Seacoast Anti-Pollution League brief in support of LBP-89-32,in response to 900131 order.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. #190 9831. 90/02/01. ROSENTHAL,A.S., WILBER,H.A. BOLLWERK,G.P. Atomic Safety and Licensing Appeal Panel. 1p. 52606:357-52606:360.



—9002150128 Seacoast Anti-Pollution League brief in support of LBP-89-32.\* Statement of issues provided.Svc list encl.  
BACKUS,R.A. Seacoast Anti-Pollution League. BACKUS,R.A. Backus, Meyer & Solomon. 90/02/05. Atomic Safety and Licensing Appeal Panel. 3pp. 52606:358-52606:360.

9002280027 Seabrook "readiness" review.\* Requests Board to consider stated written views of attachments to NRC 900108 & 09 ltrs due to intervenors not receiving documents until afternoon of 900118 & after Commission meeting ended.W/related info. CURRAN,D. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Massachusetts, Commonwealth of. #190 9901. 90/02/01. CARR,K.M., ROBERTS,T.M., ROGERS,K.C. Commissioners. 127pp. 52684:259-52685:025.

9002120361 Emergency motion of intervenors to (1) clarify status of appeal of LBP-89-33 & (2) to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain circumstances.\* W/Certificate of Svc.  
TRAFICANTE,J. Massachusetts, Commonwealth of. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9805. 90/02/06. Atomic Safety and Licensing Appeal Panel. 41pp. 52571:307-52571:347.

9002130041 Intervenors opposition to applicant 900126 motion to dismiss abandoned remand issues.\* Motion should be denied due to ASLB 900111 order providing no basis for motion.Certificate of Svc encl.  
TRAFICANTE,J. Massachusetts, Commonwealth of. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9811. 90/02/07. Atomic Safety and Licensing Board Panel. 5pp. 52572:239-52572:247.

9002150037 Intervenors request for opportunity to brief ALAB-924 in event Commission decides to review & for housekeeping stay.\* Request prompted by listed representations made by NRC & applicant in 900201 pleadings.W/Certificate of Svc.  
CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. BACKUS,R. Seacoast Anti-Pollution League. #190 9825. 90/02/08. Commissioners. 12pp. 52606:258-52606:269.

9002150103 Notice of filing.\* Submits two repts updating matls included in FEMA Dec 1988 consolidated finding on plant.Certificate of Svc encl.  
FLYNN,H.J., MCPHETERS,L.H. Federal Emergency Management Agency. #190 9829. 90/02/09. 162pp. 52606:063-52606:224.

9002150157 Order\* Extends time to 900313 in which Commission may review decision of Appeal Board in ALAB-924,per 10CFR2.772(e). Certificate of Svc encl.Served on 900212.  
HOYLE,J.C. Office of the Secretary of the Commission. #190 9837. 90/02/12. Commissioners. 4pp. 52606:054-52606:057.

9002150223 Memorandum.\* Oral argument tentatively scheduled for 900418 in Bethesda,MD re emergency planning matters raised in intervenors appeals from LBP-89-32,LBP-89-17,LBP-90-01 & related rulings.Certificate of Svc encl.Served on 900212.  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel. #190 9838. 90/02/12. 5pp. 52606:058-52606:062.

9002160220 Forwards EDO 900209 memorandum providing addl info re various late-filed allegations made concerning plant & Insp Repts 50-443/90-80 & 50-443/80-82.Related correspondence.  
TURK,S.E. Assistant General Counsel for Hearings & Enforcement. #190 9884. 90/02/12. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. TRAFICANTE,J. Massachusetts, Commonwealth of. 231pp. 52638:108-52638:338.

9002160223 Applicant motion for extension of time for filing & enlargement of page limitation re responsive brief to appeals taken from LBP-89-32 & certain....\* W/Certificate of Svc.Served on 900213.Granted for ASLB on 900213.  
\* Public Service Co. of New Hampshire. #190 9885. 90/02/12. Atomic Safety and Licensing Appeal Panel. 4pp. 52637:266-52637:269.

9002220008 NRC Staff response to Commonwealth of MA atty general & NECNP comments on remand issues.\* No bar presently exists to ASLB jurisdiction to consider remanded issues & jurisdictional arguments considered unavailing.  
YOUNG,M.A. Assistant General Counsel for Hearings & Enforcement. #190 9881. 90/02/12. Atomic Safety and Licensing Board Panel. 4pp. 52637:096-52637:109.

—9002220017 NRC Staff response to applicant motion to dismiss certain remanded issues.\* In light of Seacoast Anti-Pollution League withdrawal from participation in further proceeding before Board,three issues should be dismissed.W/Certificate of Svc.  
YOUNG,M.A. Assistant General Counsel for Hearings & Enforcement. 90/02/12. Atomic Safety and Licensing Board Panel. 10pp. 52637:100-52637:109.

9002220018 Intervenors reply to applicant response to ASLB order of 900111.\* Refutes applicant 900201 response that teachers have usual role to accompany students in emergency evacuations.W/supporting info & Certificate of Svc.  
TRAFICANTE,J. Massachusetts, Commonwealth of. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9885. 90/02/12. Atomic Safety and Licensing Board Panel. 25pp. 52637:113-52637:137.

9002220294 Applicant motion for extension of time for filing & enlargement of page limitation re responsive brief to appeals taken from LBP-89-32 & certain subsidiary decisions.\* Certificate of Svc encl.  
TROUT,J.P. Public Service Co. of New Hampshire. TROUT,J.P. Ropes & Gray. #190 9883. 90/02/12. Atomic Safety and Licensing Appeal Panel. 5pp. 52638:339-52638:343.

9002220028 Applicant response to Commonwealth of MA atty general motion to reopen record.\* Atty general 900201 motion should be denied due to motion lacking regulatory basis & not accompanied by requisite affidavits.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9891. 90/02/13. Atomic Safety and Licensing Appeal Panel. 32pp. 52637:142-52637:194.

—9002220040 Statement of R Sawyer re New Hampshire Yankee.\* Discusses concerns w/891103 affidavit taken by Commonwealth of MA atty general ofc,including fact that agency had no authority to participate in public safety planning.W/Certificate of Svc.  
SAWYER,R.N. Massachusetts, Commonwealth of. 89/11/17. 22pp. 52637:174-52637:194.

9002280049 Applicant reply to response of Commonwealth of MA atty general & NECNP to Board 900111 order.\* Commonwealth of MA atty general could not appeal issues or jump in to litigate issue on remand.W/Certificate of Svc.  
TROUT,J.P. Public Service Co. of New Hampshire. TROUT,J.P. Ropes & Gray. #190 9908. 90/02/13. Atomic Safety and Licensing Board Panel. 8pp. 52685:033-52685:040.

9002220093 Intervenors motion to suppl application for stay of LBP-89-32.\* Requests Commission to stay full power operation at plant until ASLB rules on intervenors suppl to reopen record.W/supporting info & Certificate of Svc.  
BROCK,M.T. Massachusetts, Commonwealth of. CURRAN,D. New England Coalition on Nuclear Pollution. CURRAN,D. Harmon, Curran & Tousley. #190 9895. 90/02/14. Commissioners. 50pp. 52637:211-52637:258.

9002220112 Order.\* Requests NRC & applicant address matter of proper forum in responding to intervenors 900206 motion to reopen record re State of NH emergency plan & need for sheltering in certain instances.W/Certificate of Svc.Served on 900214.  
HAGINS,E.E. Atomic Safety and Licensing Appeal Panel. #190 9890. 90/02/14. Office of the General Counsel (Post 860701). 7pp. 52637:259-52637:265.

9002280018 Applicant response to intervenors request for opportunity to brief ALAB-924 in event Commission decides to review & for housekeeping stay.\* Urges Commission to deny further briefing.W/Certificate of Svc.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9906. 90/02/15. Commissioners. 7pp. 52684:252-52684:258.

9002280001 Applicant motion to change oral argument date.\* Requests that date be changed from 900328 to 900329 due to counsel obligation as town of Sudbury,MA moderator.W/Certificate of Svc.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9912. 90/02/16. Atomic Safety and Licensing Appeal Panel. 5pp. 52684:158-52684:163.

9002280002 Applicant advice to Commission re erroneous statement in applicant response to intervenors immediate effectiveness review comments,stay requests & suppl to intervenors motion to vacate portions of LBP-89-32....\* W/Certificate of Svc.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9913. 90/02/16. Commissioners. 6pp. 52684:164-52684:169.

9002280003 Applicant response to intervenors motion to suppl application for stay of LBP-89-32.\* Motion should be denied on basis that filing considered late & lack of demonstration of significant issue.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9914. 90/02/16. Commissioners. 18pp. 52684:170-52684:187.

9002280004 Applicant response to emergency motion of intervenors to clarify status of appeal of LBP-89-33 & to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain....\* W/Certificate of Svc.  
DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. #190 9915. 90/02/16. Atomic Safety and Licensing Appeal Panel. 16pp. 52684:188-52684:202.

9002280005 Petition of FEMA for leave to file FEMA response to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances.\*  
FLYNN,H.J., MCPHETERS,L.H. Federal Emergency Management Agency. #190 9905. 90/02/16. Atomic Safety and Licensing Appeal Panel. 2pp. 52684:203-52684:214.

—9002280008 Response of FEMA to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances.\* Opposes reopening hearing record on account of newly available evidence.W/Certificate of Svc.  
FLYNN,H.J., MCPHETERS,L.H. Federal Emergency Management Agency. 90/02/16. Atomic Safety and Licensing Appeal Panel. 10pp. 52684:205-52684:214.

9002280045 Order.\* Advises that oral argument on appeals of Seacoast Anti-Pollution League,Commonwealth of MA & NECNP from ASLB Memorandum & Order LBP-89-28 will be held on 900328 in Bethesda,MD.Served on 900216.  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel. #190 9902. 90/02/16. Office of the General Counsel (Post 860701). 2pp. 52685:031-52685:032.

9002280068 Intervenors brief in support of appeal of LBP-90-01.\* Decision should be reversed & emergency broadcast sys contention & addl basis admitted.W/supporting info & Certificate of Svc.  
GREER,L.B. Massachusetts, Commonwealth of. BACKUS,R.A. Backus, Meyer & Solomon. BACKUS,R.A. Seacoast Anti-Pollution League. #190 9910. 90/02/16. Atomic Safety and Licensing Appeal Panel. 83pp. 52685:317-52686:044.

#### H. General correspondence

9002050027 Responds to 891212 request for status rept on NRC licensing activities at plant,response to comments by two constituents re facility & NRC response to several Senate colleagues on procedures used by Commission in licensing proceeding.  
PARLER,W.C. Office of the General Counsel (Post 860701). 90/01/04. COHEN,W.S. Senate. 7pp. 52634:150-52634:170.

—9002050030 Requests review & comments on encl ltrs from constituents re licensing of plant & procedures followed in licensing of plant.  
COHEN,W.S. Senate. 89/12/12. BRADBURN,J.C. Congressional Affairs. 4pp. 52547:127-52547:130.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001230128 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edition Co. of New York, Inc. 101pp. 52535:125-52535:227.

## 150 DOCKETED ITEMS

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSP Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002280027** Seabrook "readiness" review." Requests Board to consider stated written views of attachments to NRC 900108 & 09 ltrs due to intervenors not receiving documents until afternoon of 900118 & after Commission meeting ended.W/related info. CURRAN,D. New England Coalition on Nuclear Pollution. #190 9901. 90/02/01. CARR,K.M. Commissioners. 127pp. 52684:259-52685:025.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002160220** Forwards EDO 900209 memorandum providing addl info re various late-filed allegations made concerning plant & insp Repts 50-443/90-80 & 50-443/80-82.Related correspondence.  
TURK,S.E. Assistant General Counsel for Hearings & Enforcement. #190 9884. 90/02/12. CURRAN,D. New England Coalition on Nuclear Pollution. DIGNAN,T.G. Public Service Co. of New Hampshire. DIGNAN,T.G. Ropes & Gray. 231pp. 52638:108-52638:338.

### T. Hearing transcripts on non-antitrust matters

**9002130136** Transcript of 900118 briefing in Rockville,MD re immediate effectiveness review briefing for plant.Pp 1-85.  
\* Commissioners. 90/01/18. 176pp. 52649:003-52649:178.

### U. Congressional/Executive Correspondence

**9001240029** Responds to questions re generic views on Commission requirements for emergency preparedness.  
CARR,K.M. Commissioners. 90/01/17. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 37pp. 52403:168-52403:218.

**-9002050322** Carrs response to PH Kostmayer Subcommittee on General Oversight & Investigation on Question 1 from 900106 ltr.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:006-52584:006.

**-9002050325** Carr response to PH Kostmayer 900106 ltr,Question 2a re Commission requirements for emergency preparedness.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 2pp. 52584:007-52584:008.

**-9002050327** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 2b.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 2pp. 52584:009-52584:010.

**-9002050331** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 2c.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:011-52584:011.

**-9002050333** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 3.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 22pp. 52634:102-52634:149.

**-9002050335** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 4.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:017-52584:017.

**-9002050339** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 5.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:018-52584:018.

**-9002050340** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 6.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:019-52584:019.

**-9002050341** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 7.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:020-52584:020.

**-9002050343** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 8.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:021-52584:021.

**-9002050346** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 9.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:022-52584:022.

**-9002050350** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 10.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:023-52584:023.

**-9002050358** Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness,Question 11.  
CARR,K.M. Commissioners. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:024-52584:028.

## DOCKET 50-445 COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

### A. Application/construction stage documents & correspondence

**9002060048** Appeals denial of FOIA request for App B records.  
BAUMAN,L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. BAUMAN,L.L. Citizens Association for Sound Energy. 89/12/05. Ofc of the Executive Director for Operations. 1p. 52520:236-52520:236.

**9001290143** Notification of 900131 meeting w/utl in Rockville,MD to review markups to final draft Tech Spec for facility prior to printing.  
MALLOY,M. Comanche Peak Project Division. 90/01/23. GRIMES,C.I. Comanche Peak Project Division. 4pp. 52467:106-52467:109.

**9001310520** Concurs w/final APTECH rept re Borg-Warner swing arm failure & establishes acceptability of other Borg-Warner check valve swing arms installed at facility.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/23. Document Control Branch (Document Control Desk). 1p. 52504:001-52504:001.

**9002020023** Forwards Suppl 4 to "Human Factors CRDR of Comanche Peak Steam Electric Station," containing summary of surveys, addressing compliance per NUREG-0700 & identifying three listed items licensee deems appropriate.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52526:174-52526:183.

**-9002020029** Suppl 4 to "Human Factors CRDR of Comanche Peak Steam Electric Station."  
\* TU Electric (formerly Texas Utilities Generating Co.). 90/01/31. 8pp. 52526:176-52526:183.

**9002050170** Forwards 900124 ltr to utl re licensee 900122 response to CASE 900110 ltr & advises that ltr self-explanatory & contains info needed to resolve matters raised in CASE 900110 ltr from BP Garde to recipient.  
ELLIS,J. Citizens Association for Sound Energy. 90/01/25. MURLEY,R.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52548:197-52548:201.

**9002020070** Advises that licensee performed further evaluation of as-installed bolts,per recent discussions w/NRC.Engineering evaluation documented in Document CPSES-8901654 & available for NRC review.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 1p. 52533:182-52533:182.

**9002020074** Provides requested addl info on FSAR Section 3.8.1.2.5 re adding exception to ASME-ACI 359 document for liquid penetrant or magnetic particle exam of full penetration attachment welds.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52526:162-52526:164.

**9002050268** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment.Utl will provide written notification within 30 days after completion of all action items for each unit.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 9pp. 52547:327-52547:332.

**9002070017** Responds to request for addl info re fracture toughness of main steam & feedwater sys matls.Utl conclusion that fracture toughness of Unit 1 feedwater isolation valve ferritic pressure boundary matls sufficient noted.  
CAHILL,W.J. WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52593:163-52593:164.

**9002080204** Forwards addl CASE Concern Repts 89-0025 re apparent standard shop applied welds internal to secondary side of steam generators & 89-0034 on specific wiring & connection method damaging safety-related electrical wiring.  
ELLIS,J. Citizens Association for Sound Energy. 90/01/27. COUNSEL,W. TU Electric (formerly Texas Utilities Generating Co.). 13pp. 52593:327-52593:339.

**9002080102** Responds to concerns raised by Citizens for Fair Util Regulation in 891016 request for stay,891108 ltr & 891207 meeting re Allegation OSP 89-A-0089.Issues raised do not adversely affect viability of LWRs.  
LYONS,J.E. Comanche Peak Project Division. 90/01/30. BRINK,B. Citizens for Fair Utility Regulation. 24pp. 52599:028-52599:051.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220253** Requests replacement of Pages 3,4 & 7 of 900130 response to issues w/ encl revised pages.Issues include check valve failures that occurred during hot functional testing in Apr & May 1989 & augmented insp team findings.  
LYONS,J.E. Comanche Peak Project Division. 90/02/01. BRINK,B. Citizens for Fair Utility Regulation. 5pp. 52688:347-52688:351.

**9002120233** Certifies that plant equipment qualification program complete & that work associated w/Work Order C8913772 no longer required to support seismic qualification of pump.  
WOODLAND,D.R., CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. Document Control Branch (Document Control Desk). 1p. 52646:064-52646:064.

**9002120278** Advises that Amends 11 & 10 to CPs CPPR-126 & CPPR-127, respectively, authorized transfer of 2-1/6% ownership interest from Tex-La Electric Cooperative of Texas, Inc to Texas Utills Electric Co. Transfer completed on 900201.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. Document Control Branch (Document Control Desk). 1p. 52627:128-52627:128.

#### E. NRC Safety Evaluation Report (SER), supplis & correspondence

**9002080281** Forwards Suppl 22 to NUREG-0797 re operation of plant.W/o encl.  
GRIMES,C.I. Comanche Peak Project Division. 90/02/02. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52593:224-52593:226.

#### F. Security, medical, emergency & fire protection plans

**9001310192** Forwards final "Radiological Emergency Preparedness Exercise Rept." Several areas requiring corrective action & areas recommended for improvement identified in exercise.  
KWIATKOWSKI,D. Federal Emergency Management Agency. 90/01/12. CONGEL,F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp. 52513:265-52514:006.

**-9001310203** Final "Radiological Emergency Preparedness Exercise Rept.," on 890725-26.  
\* Federal Emergency Management Agency. 89/12/15. 99pp. 52799:004-52799:103.

**9002150287** Forwards initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989. All functional areas evaluated as Category 2. Common strengths were staffing & effectiveness of training & personnel qualifications.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/05. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52676:267-52676:298.

**-9002150290** Initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989.  
\* Comanche Peak Project Division. 89/08/31. 29pp. 52676:270-52676:298.

**9002230184** Procedure change notices, including PCN-EPP-203-R9-3 to Rev 9 of EPP-203, PCN-EPP-206-R7-1 to Rev 7 of EPP-206 & PCN-EPP-313-R0-4 to Rev 0 of EPP-313. W/900212 ltr.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/12. 10pp. 52716:017-52716:026.

#### G. Adjudicatory correspondence

**9002010033** Second request for stay Citizens for Fair Util Regulation.\* Requests that NRC stay fuel loading & low power operation of Unit 1 until 900209. Certificate of Svc encl.  
GRIFFIN,R.L. Citizens for Fair Utility Regulation. #190 9740. 90/01/27. Commissioners. 5pp. 52445:313-52445:317.

**9002080096** Applicant answer to request for stay by Citizens for Fair Util Regulation (CFUR). \* CFUR failed to satisfy burden to demonstrate necessity for stay & request should be denied. Certificate of Svc encl.  
EDGAR,G.L. TU Electric (formerly Texas Utilities Generating Co.). EDGAR,G.L. Newman & Holtzinger. #190 9777. 90/02/01. Commissioners. 13pp. 52537:190-52537:202.

**9002080125** NRC Staff response to Citizens for Fair Util Regulation second request for stay. \* Request for stay should be denied due to failure to satisfy stnds set forth in 10CFR2.769(e). Certificate of Svc encl.  
MOORE,J.E. Assistant General Counsel for Hearings & Enforcement. #190 9783. 90/02/02. Commissioners. 11pp. 52537:213-52537:223.

**9002130105** Order.\* Denies Citizens for Fair Util Regulation 900127 motion for stay of license for fuel load & low power testing up to 5% of rated power until 900209 due to mootness. Certificate of Svc encl. Served on 900208.  
CHILK,S.J. Office of the Secretary of the Commission. #190 9813. 90/02/08. Citizens for Fair Utility Regulation. 8pp. 52572:211-52572:218.

#### H. General correspondence

**9002220693** Responds to 900129 ltr & Garde 900110 ltr requesting that NRC resolve issues raised by CASE & assure that util has comprehensive, workable & functioning root cause analysis program prior to issuance of low power license for Unit 1.  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. ELLIS,J. Citizens Association for Sound Energy. 13pp. 52701:030-52701:042.

#### J. Insurance & indemnity information

**9002010394** Forwards Endorsements 7 & 8 to NELIA Certificate NW-167 & MAELU Certificate MW-90, respectively.  
CAHILL,W.J., MARSHALL,J.S. TU Electric (formerly Texas Utilities Generating Co.). 90/01/24. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52505:037-52505:039.

**9002010399** Forwards Endorsement 28 to NELIA Policy NF-274 to fulfill financial protection requirements of 10CFR140.13.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/24. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52505:229-52505:230.

**9002230440** Certifies that util covered for decontamination liability & excess property insurance, effective on 900208.  
JACKSON,C.Q. Nuclear Electric Insurance Ltd. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52702:216-52702:219.

#### M. Antitrust correspondence

**9002220599** Forwards examiner rept & proposed order re application of Cap Rock Electric Cooperative, Inc for authority to change rates. Open meeting scheduled for 890207 in Austin, TX to consider case.  
O'CONNELL,R.S. Texas, State of. #190 9869. 89/01/11. NRC - No Detailed Affiliation Given. 21pp. 52645:039-52645:059.

**9002220610** Reply of Cap Rock Electric Cooperative, Inc to comments of Texas Utills Electric Co.\* Texas Utills response considered irrelevant, mainly incorrect or misleading. Certificate of Svc encl.  
O'NEIL,R.A., ADRAGNA,J.M. Cap Rock Electric Cooperative, Inc. O'NEIL,R.A. Miller,Balis & O'Neill. #190 9870. 89/02/10. Commissioners. 36pp. 52645:003-52645:038.

**9002220621** Forwards reply of Cap Rock Electric Cooperative, Inc to comments of Texas Utills Electric Co to assist in rendering advice to Commission, per pending OL antitrust review of unit.W/o encl.  
VOGLER,B.H. Office of the General Counsel (Post 860701). #190 9871. 89/02/21. URBAN,J. Justice, Dept. of. 1p. 52645:002-52645:002.

**9002220637** Advises that antitrust review of unit OL unnecessary, per NRC draft finding that no significant changes in activities or proposed activities of licensee have occurred since prior reviews.  
SCHECHTER,M.C. Justice, Dept. of. #190 9873. 89/06/05. RUTBERG,J. Office of the General Counsel (Post 860701). 1p. 52645:001-52645:001.

**9002220686** Pages 26,865-866 to FR, notifying that NRR made finding that no significant antitrust changes in licensee activities or proposed activities have occurred, per antitrust CP review for unit.  
\* NRC - No Detailed Affiliation Given. #190 9876. 89/06/26. 2pp. 52648:125-52648:126.

**9002220722** Page 37171 to FR, notifying that Cap Rock Electric Co, Inc has requested reevaluation by NRR director of finding of no significant change to OL antitrust review for unit.  
\* NRC - No Detailed Affiliation Given. #190 9879. 89/09/07. 1p. 52648:138-52648:138.

**9002230007** Forwards Texas Utills comments to filing on behalf of Cap Rock Electric Cooperative, Inc.W/o encl.  
VOGLER,B.H. Assistant General Counsel for Hearings & Enforcement. #190 9866. 89/11/04. ADRAGNA,J.M. Miller,Balis & O'Neill. 1p. 52652:001-52652:001.

**9002220653** Comanche Peak Steam Electric Station, Unit 1 OL antitrust review, finding of no significant change.\* Recommends that no affirmative significant change determination be made to application for OL for unit.  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). #190 9875. 90/02/01. 113pp. 52648:001-52648:113.

**9002220698** Reevaluation & affirmation of no significant finding, per Comanche Peak Steam Electric Station, Unit 1 OL antitrust review.\* Advises that plant finding of no significant antitrust changes will not be changed.  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). #190 9878. 90/02/01. 11pp. 52648:127-52648:137.

#### P. Operating license stage documents & correspondence

**9002130090** Advises that util ready for issuance of OL authorizing fuel load & operation up to 5% rated power for Unit 1. Design, const & preoperation testing of unit complete in accordance w/FSAR.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/08. Document Control Branch (Document Control Desk). 7pp. 52646:335-52646:341.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002010110** Ack receipt of 900112 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/89-71 & 50-446/89-71.  
WARNICK,R.F. Assistant Director for Inspection Programs. 90/01/18. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52531:121-52531:124.

**9001310123** EN-90-008: on 900125, notice of proposed imposition of civil penalty in amount of \$30,000 will be issued to licensee based on multiple violations identified by Augmented Insp Team.  
TROSKOSKI,W., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/01/22. 1p. 52504:137-52504:137.

**9002010338** Discusses Insp Repts 50-445/89-30 & 50-446/89-30 on 890515-0616 & forwards notice of violation & proposed imposition of civil penalty in amount of \$30,000.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/01/25. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 5pp. 52522:097-52522:105.

**-9002010340** Notice of violation & proposed imposition of civil penalty in amount of \$30,000. Violations noted: on 890505, improper sequence to Procedure SOP-305A allowed reverse fluid flow path from steam generators to condensate storage tank.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/01/25. 4pp. 52522:102-52522:105.

**9002070016** Forwards addl info in response to NRC Bulletin 88-005 & Supplis 1 & 2 re nonconforming matl supplied by Piping Supplies, Inc & West Jersey Mfg Co. Table listing 12 nonconforming flanges installed in safety-related sys encl.  
CAHILL,W.J., WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 16pp. 52570:013-52570:028.

## 152 DOCKETED ITEMS

**9002080160** Forwards Insp Repts 50-445/89-23 & 50-446/89-23 on 890405-0502. Violations noted. Util should prepare to present assessment of safety significance, root cause & corrective actions. GRIMES, C.I. Comanche Peak Project Division. 90/01/26. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52609:270-52609:300.

**-9002080161** Insp Repts 50-445/89-23 & 50-446/89-23 on 890405-0502. Violation noted. Major areas inspected: exit meeting w/mgt. review of component cooling water HX work, repair of diesel generator HX & applicant action on previous insp findings. PHILLIPS, H.S. Office of Nuclear Reactor Regulation, Director (Post 870411). LIVERMORE, H.H. Comanche Peak Project Division. 89/06/16. 27pp. 52609:274-52609:300.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002060387** Responds to NRC 900125 ltr re violations & proposed imposition of civil penalties concerning Insp Rept 50-445/89-30. Corrective actions: check valves re events modified. Comments on statements in 900125 ltr also encl. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/31. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 15pp. 52560:004-52560:018.

**9001210321** Forwards Insp Repts 50-445/90-05 & 50-446/90-05 on 900103-30. Violations noted. NRC concerned that violation of employee protection may have occurred. Enforcement conference scheduled for wk of 900205. GRIMES, C.I. Comanche Peak Project Division. 90/01/31. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 6pp. 52627:077-52627:095.

**-9002120324** Insp Repts 50-445/90-05 & 50-446/90-05 on 900103-30. Violations noted. Major areas inspected: licensee action on previous insp findings, followup on violations/deviations & allegation followup on Therm-A-Lag issues. LATTAR, R.M., LIVERMORE, H.H. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 13pp. 52627:083-52627:095.

**9001210334** Ack receipt of 900112 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/89-78 & 50-446/89-78. WARNICK, R.F. Assistant Director for Inspection Programs. 90/01/31. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52627:063-52627:066.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9002220253** Requests replacement of Pages 3, 4 & 7 of 900130 response to issues w/ encl revised pages. Issues include check valve failures that occurred during hot functional testing in Apr & May 1989 & augmented insp team findings. LYONS, J.E. Comanche Peak Project Division. 90/02/01. BRINK, B. Citizens for Fair Utility Regulation. 5pp. 52688:347-52688:351.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002120245** Responds to NRC Bulletin 88-005, "Nonconforming Matl Supplied by Piping Supplies, Inc at Folsom, NJ & West Jersey Mfg Co. Williamstown, NJ." No further action required for Unit 1 installed flanges w/ listed heat numbers. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52608:043-52608:048.

**9002220310** Forwards Insp Repts 50-445/89-13 & 50-446/89-13 on 881205-900127. No violations or deviations noted. NRC concludes that util implementation of ASME Section XI mod, repair & replacement program met requirements of ASME Code. GRIMES, C.I. Comanche Peak Project Division. 90/02/02. COUNCIL, W.G. TU Electric (formerly Texas Utilities Generating Co.). 5pp. 52683:343-52683:359.

**-9002220312** Insp Repts 50-445/89-13 & 50-446/89-13 on 881205-900127. No violations or deviations noted. Major areas inspected: previously identified ASME Code insp findings, QA/QC program & fastener matl issues associated w/ NRC Bulletin 87-002. WILLIAMS, C.C., GRIMES, C.I. Comanche Peak Project Division. 90/02/02. 12pp. 52683:348-52683:359.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002140174** Provides followup to 891208 ltr re facility SALP process & regulatory process associated w/ final licensing decision. NRC concludes that issues raised have been or being adequately addressed. W/o stated encl. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/05. GARDE, B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 3pp. 52648:267-52648:269.

**9002150287** Forwards initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989. All functional areas evaluated as Category 2. Common strengths were staffing & effectiveness of training & personnel qualifications. CRITCHFIELD, D. Associate Director for Special Projects (Post 890101). 90/02/05. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52676:267-52676:298.

**-9002150290** Initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989.

\* Comanche Peak Project Division. 89/08/31. 29pp. 52676:270-52676:298.

**9002130067** Advises that util will clarify & reissue procedures re issuance of nonconformance repts by 900214. per Insp Repts 50-445/90-05 & 50-446/90-05. CAHILL, W.J., BECK, J.W. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 1p. 52645:341-52645:341.

**9002220741** Responds to NRC 900112 ltr re violations noted in Insp Repts 50-445/89-86 & 50-446/89-86. Corrective actions: procedure for controlling temporary mods revised to authorize simple connections to valves & piping on generic basis. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 4pp. 52683:130-52683:133.

**9002140259** Ack receipt of 900131 ltr & payment of civil penalty in amount of \$30,000 proposed in NRC 900125 ltr. NRC will continue to monitor activities associated w/ check valve failures & assess effectiveness of corrective actions. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/09. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 1p. 52653:181-52653:181.

**9002220664** Responds to 891113 appeal of DH Grimsley 900104 response to FOIA request for records re Insp Repts 50-445/89-38 & 50-446/89-38. Records continue to be withheld (ref FOIA Exemption 5). THOMPSON, H.L. Dep Exec Dir for Nuc Matls Safety, Safeguards & Operations Support (Post 890205). 90/02/21. BAUMAN, L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 2pp. 52668:065-52668:072.

### R. Periodic operating reports & related correspondence

**9002060052** Responds to 891205 appeal of denial of FOIA request for portions of six records on chronology of events prepared by onsite Ofc of Special Projects staff beginning 1985. Appeal partially denied (ref FOIA Exemption 6). THOMPSON, H.L. Dep Exec Dir for Nuc Matls Safety, Safeguards & Operations Support (Post 890205). 90/01/30. BAUMAN, L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 3pp. 52520:237-52520:350.

**-9002060060** Forwards complete updated chronology of activities for Apr, May & June 1988. WARNICK, R.F. Assistant Director for Inspection Programs. 88/07/07. GRIMES, C.I. Comanche Peak Project Division. 16pp. 52520:240-52520:255.

**-9002060062** Forwards complete updated chronology of activities for Jul, Aug & Sept 1988. WARNICK, R.F. Assistant Director for Inspection Programs. 88/10/25. GRIMES, C.I. Comanche Peak Project Division. 22pp. 52520:256-52520:277.

**-9002060066** Forwards complete updated chronology of activities for Oct, Nov & Dec 1988. WARNICK, R.F. Assistant Director for Inspection Programs. 89/01/06. GRIMES, C.I. Comanche Peak Project Division. 28pp. 52520:278-52520:305.

**-9002060090** Partially released memo forwarding chronology of activities for Apr, May & June 1988. WARNICK, R.F. Assistant Director for Inspection Programs. 89/07/05. GRIMES, C.I. Comanche Peak Project Division. 11pp. 52520:306-52520:350.

### S. Reportable occurrences, LERs & related correspondence

**9002080241** PNO-ADSP-90-002: on 900130, potential violation re intimidation of QC re-insp insp personnel noted. On 900202, telephone threat received by wife of inspector. Police re filed. Util security organization reviewing event. WARNICK, R.F., LATTAR, R.L. Associate Director for Special Projects (Post 890101). 90/02/05. 1p. 52589:049-52589:049.

**9002150161** Final Deficiency Rept CP-90-03 re debris in one train of containment spray sys. Initially reported on 890910. Matl probably introduced during work performed on upstream HX in 1983. Accessible piping inspected for cleanliness. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52656:356-52656:358.

**9002150165** Supplemental Deficiency Rept CP-88-41 re Westinghouse W-2 type cell switches. Initially reported on 881202. Cell switches & spring retainer assemblies replaced at Unit 1. Cell switches will not be replaced at Unit 2. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52656:077-52656:078.

**9002220033** PNO-ADSP-90-004: on 900214, last fuel assembly loaded into reactor vessel 10 days ahead of schedule w/ minor interruptions. Resident inspectors will provide backshift coverage for selected plant evolutions. WIEBE, J. JOHNSON, W. Region 4, Ofc of the Director. 90/02/15. 1p. 52674:358-52674:358.

**9002220037** PNO-ADSP-90-002A: updated info re potential intimidation of QC inspector. Phone call did not imply death threat & not as serious as originally characterized. WARNICK, R.F., LATTAR, R.L. Region 4, Ofc of the Director. 90/02/15. 1p. 52678:274-52678:274.

### DOCKET 50-446 COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2

#### A. Application/construction stage documents & correspondence

**9002080048** Appeals denial of FOIA request for App B records. BAUMAN, L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 89/12/05. Ofc of the Executive Director for Operations. 1p. 52520:236-52520:236.

**9002020023** Forwards Suppl 4 to "Human Factors CRDR of Comanche Peak Steam Electric Station," containing summary of surveys, addressing compliance per NUREG-0700 & identifying three listed items licensee deems appropriate. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52526:174-52526:183.



9002020029 Suppl 4 to "Human Factors CRDR of Comanche Peak Steam Electric Station."  
\* TU Electric (formerly Texas Utilities Generating Co.). 90/01/31. 8pp. 52526:176-52526:183.

9002050170 Forwards 900124 ltr to util re licensee 900122 response to CASE 900110 ltr & advises that ltr self-explanatory & contains info needed to resolve matters raised in CASE 900110 ltr from BP Garde to recipient.  
ELLIS,J. Citizens Association for Sound Energy. 90/01/25. MURLEY,R.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52548:197-52548:201.

9002020070 Advises that licensee performed further evaluation of as-installed bolts, per recent discussions w/NRC.Engineering evaluation documented in Document CPSES-8901654 & available for NRC review.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 1p. 52533:162-52533:182.

9002020074 Provides requested addl info on FSAR Section 3.8.1.2.5 re adding exception to ASME-ACI 359 document for liquid penetrant or magnetic particle exam of full penetration attachment welds.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 3pp. 52526:162-52526:164.

9002050268 Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment.Util will provide written notification within 30 days after completion of all action items for each unit.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 9pp. 52547:327-52547:332.

9002070017 Responds to request for addl info re fracture toughness of main steam & feedwater sys mats.Util conclusion that fracture toughness of Unit 1 feedwater isolation valve ferritic pressure boundary mats sufficient noted.  
CAHILL,W.J., WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52593:163-52593:164.

9002080204 Forwards addl CASE Concern Repts 89-0025 re apparent substandard shop applied welds internal to secondary side of steam generators & 89-0034 on specific wiring & connection method damaging safety-related electrical wiring.  
ELLIS,J. Citizens Association for Sound Energy. 90/01/27. COUNSEL,W. TU Electric (formerly Texas Utilities Generating Co.). 13pp. 52593:327-52593:339.

9002080102 Responds to concerns raised by Citizens for Fair Util Regulation in 891016 request for stay,891108 ltr & 891207 meeting re Allegation OSP 89-A-0089.Issues raised do not adversely affect viability of LWRs.  
LYONS,J.E. Comanche Peak Project Division. 90/01/30. BRINK,B. Citizens for Fair Util Regulation. 24pp. 52599:028-52599:051.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220253 Requests replacement of Pages 3,4 & 7 of 900130 response to issues w/ encl revised pages.Issues include check valve failures that occurred during hot functional testing in Apr & May 1989 & augmented Insp team findings.  
LYONS,J.E. Comanche Peak Project Division. 90/02/01. BRINK,B. Citizens for Fair Util Regulation. 5pp. 52688:347-52688:351.

9002120278 Advises that Amends 11 & 10 to CPs CPPR-126 & CPPR-127, respectively,authorized transfer of 2-1/6% ownership interest from Tex-La Electric Cooperative of Texas,Inc to Texas Utils Electric Co.Transfer completed on 900201.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. Document Control Branch (Document Control Desk). 1p. 52627:128-52627:128.

#### E. NRC Safety Evaluation Report (SER), suppls & correspondence

9002080281 Forwards Suppl 22 to NUREG-0797 re operation of plant.W/o encl.  
GRIMES,C.I. Comanche Peak Project Division. 90/02/02. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52593:224-52593:226.

#### F. Security, medical, emergency & fire protection plans

9001310192 Forwards final "Radiological Emergency Preparedness Exercise Rept." Several areas requiring corrective action & areas recommended for improvement identified in exercise.  
KWIATKOWSKI,D. Federal Emergency Management Agency. 90/01/12. CONGEL,F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp. 52513:265-52514:006.

9001310203 Final "Radiological Emergency Preparedness Exercise Rept." on 890725-26.  
\* Federal Emergency Management Agency. 89/12/15. 99pp. 52799:004-52799:103.

9002150287 Forwards Initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989.All functional areas evaluated as Category 2.Common strengths were staffing & effectiveness of training & personnel qualifications.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/05. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52676:267-52676:298.

9002150290 Initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989.  
\* Comanche Peak Project Division. 89/08/31. 29pp. 52676:270-52676:298.

9002230184 Procedure change notices,including PCN-EPP-203-R9-3 to Rev 9 of EPP-203,PCN-EPP-206-R7-1 to Rev 7 of EPP-206 & PCN-EPP-313-R0-4 to Rev 0 of EPP-313.W/900212 ltr.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/12. 10pp. 52718:017-52718:026.

#### G. Adjudicatory correspondence

9002010033 Second request for stay Citizens for Fair Util Regulation.\* Requests that NRC stay fuel loading & low power operation of Unit 1 until 900209.Certificate of Svc encl.  
GRIFFIN,R.L. Citizens for Fair Utility Regulation. #190 9740. 90/01/27. Commissioners. 5pp. 52445:313-52445:317.

9002080096 Applicant answer to request for stay by Citizens for Fair Util Regulation (CFUR).\* CFUR failed to satisfy burden to demonstrate necessity for stay & request should be denied. Certificate of Svc encl.  
EDGAR,G.L. TU Electric (formerly Texas Utilities Generating Co.). EDGAR,G.L. Newman & Holtzinger. #190 9777. 90/02/01. Commissioners. 13pp. 52537:190-52537:202.

9002080125 NRC Staff response to Citizens for Fair Util Regulation second request for stay.\* Request for stay should be denied due to failure to satisfy stds set forth in 10CFR2.788(e). Certificate of Svc encl.  
MOORE,J.E. Assistant General Counsel for Hearings & Enforcement. #190 9783. 90/02/02. Commissioners. 11pp. 52537:213-52537:223.

9002130105 Order.\* Denies Citizens for Fair Util Regulation 900127 motion for stay of license for fuel load & low power testing up to 5% of rated power until 900209 due to mootness. Certificate of Svc encl.Served on 900208.  
CHILK,S.J. Office of the Secretary of the Commission. #190 9813. 90/02/08. Citizens for Fair Utility Regulation. 8pp. 52572:211-52572:218.

#### J. Insurance & Indemnity Information

9002010394 Forwards Endorsements 7 & 8 to NELIA Certificate NW-167 & MAELU Certificate MW-90,respectively.  
CAHILL,W.J., MARSHALL,J.S. TU Electric (formerly Texas Utilities Generating Co.). 90/01/24. MURLEY,T. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52505:037-52505:039.

9002010399 Forwards Endorsement 28 to NELIA Policy NF-274 to fulfill financial protection requirements of 10CFR140.13.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/01/24. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52505:229-52505:230.

9002230440 Certifies that util covered for decontamination liability & excess property insurance,effective on 900208.  
JACKSON,C.Q. Nuclear Electric Insurance Ltd. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52702:216-52702:219.

#### M. Antitrust correspondence

9002220610 Reply of Cap Rock Electric Cooperative,Inc to comments of Texas Utils Electric Co.\* Texas Utils response considered irrelevant,mainly incorrect or misleading.Certificate of Svc encl.  
O'NEIL,R.A., ADRAGNA,J.M. Cap Rock Electric Cooperative, Inc. O'NEIL,R.A. Miller,Balls & O'Neill. #190 9870. 89/02/10. Commissioners. 36pp. 52645:003-52645:038.

9002230007 Forwards Texas Utils comments to filing on behalf of Cap Rock Electric Cooperative,Inc.W/o encl.  
VOGLER,B.H. Assistant General Counsel for Hearings & Enforcement. #190 9866. 89/11/04. ADRAGNA,J.M. Miller,Balls & O'Neill. 1p. 52652:001-52652:001.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002010110 Ack receipt of 900112 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/89-71 & 50-446/89-71.  
WARNICK,R.F. Assistant Director for Inspection Programs. 90/01/18. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52531:121-52531:124.

9002010338 Discusses Insp Repts 50-445/89-30 & 50-446/89-30 on 890515-0616 & forwards notice of violation & proposed imposition of civil penalty in amount of \$30,000.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/01/25. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 5pp. 52522:097-52522:105.

9002070016 Forwards addl info in response to NRC Bulletin 88-005 & Suppls 1 & 2 re nonconforming matl supplied by Piping Supplies,Inc & West Jersey Mfg Co.Table listing 12 nonconforming flanges installed in safety-related sys encl.  
CAHILL,W.J., WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.). 90/01/26. Document Control Branch (Document Control Desk). 16pp. 52570:013-52570:028.

9002080160 Forwards Insp Repts 50-445/89-23 & 50-446/89-23 on 890405-0502.Violations noted.Util should prepare to present assessment of safety significance,root cause & corrective actions.  
GRIMES,C.I. Comanche Peak Project Division. 90/01/28. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52609:270-52609:300.

9002080161 Insp Repts 50-445/89-23 & 50-446/89-23 on 890405-0502. Violation noted.Major areas inspected:exit meeting w/mgt, review of component cooling water HX work,repair of diesel generator HX & applicant action on previous insp findings.  
PHILLIPS,H.S. Office of Nuclear Reactor Regulation, Director (Post 870411). LIVERMORE,H.H. Comanche Peak Project Division. 89/06/16. 27pp. 52609:274-52609:300.

## 154 DOCKETED ITEMS

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001210321** Forwards Insp Repts 50-445/90-05 & 50-446/90-05 on 900103-30. Violations noted.NRC concerned that violation of employee protection may have occurred.Enforcement conference scheduled for wk of 900205.  
GRIMES,C.I. Comanche Peak Project Division. 90/01/31. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 6pp. 52627:077-52627:095.

**-9002120324** Insp Repts 50-445/90-05 & 50-446/90-05 on 900103-30. Violations noted.Major areas inspected:licensee action on previous insp findings,followup on violations/deviations & allegation followup on Therm-A-Lag issues.  
LATTAR,M., LIVERMORE,H.H. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 13pp. 52627:083-52627:095.

**9002120334** Ack receipt of 900112 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/89-78 & 50-446/89-78.  
WARNICK,R.F. Assistant Director for Inspection Programs. 90/01/31. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52627:063-52627:066.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

**9002220253** Requests replacement of Pages 3,4 & 7 of 900130 response to issues w/ encl revised pages.Issues include check valve failures that occurred during hot functional testing in Apr & May 1989 & augmented insp team findings.  
LYONS,J.E. Comanche Peak Project Division. 90/02/01. BRINK,B. Citizens for Fair Utility Regulation. 5pp. 52688:347-52688:351.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002120245** Responds to NRC Bulletin 88-005, "Nonconforming Matl Supplied by Piping Supplies,Inc at Folsom,NJ & West Jersey Mfg Co,Williamstown,NJ." No further action required for Unit 1 installed flanges w/listed heat numbers.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. Document Control Branch (Document Control Desk). 6pp. 52606:043-52606:048.

**9002220310** Forwards Insp Repts 50-445/89-13 & 50-446/89-13 on 881205-900127.No violations or deviations noted.NRC concludes that util implementation of ASME Section XI mod,repair & replacement program met requirements of ASME Code.  
GRIMES,C.I. Comanche Peak Project Division. 90/02/02. COUNSEL,W.G. TU Electric (formerly Texas Utilities Generating Co.). 5pp. 52683:343-52683:359.

**-9002220312** Insp Repts 50-445/89-13 & 50-446/89-13 on 881205-900127.No violations or deviations noted.Major areas inspected: previously identified ASME Code insp findings,QA/QC program & fastener matl issues associated w/NRC Bulletin 87-002.  
WILLIAMS,C.C., GRIMES,C.I. Comanche Peak Project Division. 90/02/02. 12pp. 52683:348-52683:359.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150287** Forwards Initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989.All functional areas evaluated as Category 2.Common strengths were staffing & effectiveness of training & personnel qualifications.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101). 90/02/05. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52676:267-52676:298.

**-9002150290** Initial SALP Repts 50-445/88-85 & 50-446/88-81 for Sept 1988 - Aug 1989.  
\* Comanche Peak Project Division. 89/08/31. 29pp. 52676:270-52676:298.

**9002130067** Advises that util will clarify & reissue procedures re issuance of nonconformance repts by 900214,per Insp Repts 50-445/90-05 & 50-446/90-05.  
CAHILL,W.J., BECK,J.W. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 1p. 52645:341-52645:341.

**9002220741** Responds to NRC 900112 ltr re violations noted in Insp Repts 50-445/89-86 & 50-446/89-86.Corrective actions:procedure for controlling temporary mods revised to authorize simple connections to valves & piping on generic basis.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 4pp. 52683:130-52683:133.

**9002220664** Responds to 891113 appeal of DH Grimsley 900104 response to FOIA request for records re Insp Repts 50-445/89-38 & 50-446/89-38.Records continue to be withheld (ref FOIA Exemption 5).  
THOMPSON,H.L. Dep Exec Dir for Nuc Matls Safety,Safeguards & Operations Support (Post 890205). 90/02/21. BAUMAN,L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 2pp. 52688:085-52688:072.

### R. Periodic operating reports & related correspondence

**9002060052** Responds to 891205 appeal of denial of FOIA request for portions of six records on chronology of events prepared by onsite Ofc of Special Projects staff beginning 1985.Appeal partially denied (ref FOIA Exemption 6).  
THOMPSON,H.L. Dep Exec Dir for Nuc Matls Safety,Safeguards & Operations Support (Post 890205). 90/01/30. BAUMAN,L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 3pp. 52520:237-52520:350.

**-9002060060** Forwards complete updated chronology of activities for Apr, May & June 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 88/07/07. GRIMES,C.I. Comanche Peak Project Division. 16pp. 52520:240-52520:255.

**-9002060062** Forwards complete updated chronology of activities for Jul, Aug & Sept 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 88/10/25. GRIMES,C.I. Comanche Peak Project Division. 22pp. 52520:256-52520:277.

**-9002060066** Forwards complete updated chronology of activities for Oct,Nov & Dec 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 89/01/06. GRIMES,C.I. Comanche Peak Project Division. 28pp. 52520:278-52520:305.

**-9002060090** Partially released memo forwarding chronology of activities for Apr,May & June 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 89/07/05. GRIMES,C.I. Comanche Peak Project Division. 11pp. 52520:306-52520:350.

### S. Reportable occurrences, LERs & related correspondence

**9002150165** Supplemental Deficiency Rept CP-88-41 re Westinghouse W-2 type cell switches.Initially reported on 881202.Cell switches & spring retainer assemblies replaced at Unit 1. Cell switches will not be replaced at Unit 2.  
CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52656:077-52656:078.

### DOCKET STN-50-454 BYRON STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9002060149** Rev 3 to EPIP NSEP-EOF-1, "Manager of Emergency Operations."  
CARSON,R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

**9002060185** Rev 2 to EPIP NSEP-EOF-25, "Protective Measures Director."  
CARSON,R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

**9001300220** Advises that 891222 Rev 29 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGER,L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH,T.J. Commonwealth Edison Co. 2pp. 52492:332-52492:333.

**9001300242** Forwards Safety Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08.No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director. 90/01/04. REED,C. Commonwealth Edison Co. 2pp. 52473:212-52473:238.

**-9001300256** Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08.No violations,deficiencies or deviations noted.Major areas inspected:emergency preparedness exercise,involving observations of key functions & locations during exercise.  
PATTERSON,J., FOSTER,J., SNELL,W. Region 3, Ofc of the Director. 90/01/03. 25pp. 52473:214-52473:238.

**9001290078** Advises that 891123 Rev 3d to emergency plan annex,including partial rev to emergency action levels in Table BYA 5-1, Condition 6,Page BYA 5-1.17,acceptable.  
GREGER,L.R. Region 3, Ofc of the Director. 90/01/09. REED,C. Commonwealth Edison Co. 2pp. 52469:192-52469:193.

**9001290094** Rev 4 to EPIP BZP 380-04, "Post-Accident Sampling of Station Blowdown Monitor."  
\* Commonwealth Edison Co. 90/01/09. 7pp. 52453:225-52453:231.

**9002150089** Revised EPIPs,including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52668:051-52668:071.

#### K. Utility Final Safety Analysis Report (FSAR) & amends

**9002060049** Reissued ltr correcting date of util ltr to NRC which forwarded updated FSAR for Byron/Braidwood plants from 881214 to 891214.W/o updated FSARs.  
HUNSADER,S.C. Commonwealth Edison Co. 90/01/10. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52556:212-52556:212.

**9002220159** Forwards suppl to Rev 1 to updated FSAR for Braidwood Station,Units 1 & 2 & Byron Station,Units 1 & 2,per 881214 & 891214 submittals.  
HUNSADER,S.C. Commonwealth Edison Co. 90/02/16. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52694:187-52695:270.

**-9002220163** Suppl to Rev 1 to updated FSAR for Braidwood Station,Units 1 & 2 & Byron Station,Units 1 & 2.  
\* Commonwealth Edison Co. 90/02/16. 440pp. 52694:191-52695:270.

#### P. Operating license stage documents & correspondence

**9002160068** Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI,P.C. Project Directorate ILL-2. 89/11/24. KOVACH,T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

**9001310208** Submits update on status of RHR sys iconic display at facilities, per Generic Ltr 88-17 re loss of DHR Computer graphics display data in real time & reflect status of refueling water level & RHR pump parameters.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/01/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52504:135-52504:135.

**9002010089** Advises that 891027 response to Generic Ltr 88-20 re individual plant exam approach, methodology & schedule acceptable.  
SHEMANSKI, P.C. Project Directorate III-2. 90/01/24. KOVACH, T.J. Commonwealth Edison Co. 5pp. 52539:096-52539:100.

**9002060369** Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44.45 & 46 & App B, Section XI.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

**9002140103** Forwards environ assessment supporting 890731 request for exemption to permit use of VANTAGE 5 fuel at facilities.  
OLSHAN, L.N. Project Directorate III-2. 90/01/31. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52655:173-52655:178.

**-9002140106** Environ assessment & finding of no significant impact supporting util request for amends to Licenses NPF-37 & NPF-66 to permit use of VANTAGE 5 fuel at facilities.  
CRAIG, J.W. Project Directorate III-2. 90/01/24. 3pp. 52655:176-52655:178.

**9002160131** Forwards Amends 36 to Licenses NPF-37 & NPF-66 & safety evaluation. Amends approve changes to Tech Specs to allow use of VANTAGE 5 fuel.  
OLSHAN, L.N. Project Directorate III-2. 90/01/31. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52670:034-52670:062.

**-9002160133** Amends 36 to Licenses NPF-37 & NPF-66, approving changes to Tech Specs to allow use of VANTAGE 5 fuel.  
CRAIG, J.W. Project Directorate III-2. 90/01/31. 18pp. 52670:038-52670:055.

**-9002160092** Safety evaluation supporting Amends 36 to Licenses NPF-37 & NPF-66. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 7pp. 52670:056-52670:062.

**9002160145** Forwards notice of Issuance of Amend 36 to Licenses NPF-37 & NPF-66, revising Tech Specs to allow use of Vantage 5 fuel. Notice filed w/Ofc of FR for publication.  
OLSHAN, L.N. Project Directorate III-2. 90/01/31. KOVACH, T.J. Commonwealth Edison Co. 1p. 52679:099-52679:101.

**-9002160146** Notice of Issuance of Amend 36 to License NPF-37 & NPF-66, revising Tech Specs to allow use of Vantage 5 fuel. EIS not warranted.  
CRAIG, J.W. Project Directorate III-2. 90/01/31. 2pp. 52679:100-52679:101.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140256** Provides alternative design solution to DCRDR Implementation at facilities. Simpler design devised, using eyelet screw inserted in switch nameplate which is identical to providing caution cards in close proximity to switch handle.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52655:301-52655:301.

**9002220170** Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

**9002230104** Requests NRC approval for use of Alloy 690 steam generator tube plugs for facility, prior to 900301, pending final ASME approval of code case for Alloy 690.  
RICHTER, M.H. Commonwealth Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52715:335-52715:336.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001120034** Responds to NRC 891020 ltr re open item noted in Insp Repts 50-454/89-17 & 50-455/89-19. Operating engineers & assistant technical staff supervisor will meet to discuss safety significant off-normal equipment or operations as needed.  
SCHUSTER, T.K. Commonwealth Edison Co. 89/12/14. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52655:064-52655:064.

**9001300242** Forwards Safety Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52473:212-52473:238.

**-9001300256** Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08. No violations, deficiencies or deviations noted. Major areas inspected: emergency preparedness exercise, involving observations of key functions & locations during exercise.  
PATTERSON, J. FOSTER, J. SNELL, W. Region 3, Ofc of the Director. 90/01/03. 25pp. 52473:214-52473:238.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002090302** Advises that Insp Rept 50-455/89-22 issued on 891208, incorrectly numbered 50-454/89-21.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 1p. 52626:259-52626:259.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060230** Forwards response to NRC Bulletin 89-003. Util nuclear fuels dept designs or reviews & approves each core reload for plants & refueling operations recently reviewed to ensure appropriate procedural controls in place.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52569:246-52569:250.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSP Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002220173** Discusses applicability of safety evaluations prior to manipulation of ECCS valves, in response to violations noted in Insp Repts 50-454/89-16 & 50-455/89-18. Nuclear operations directive re ECCS valve positions will be sent by 900415.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/01/31. BERT, A.B. Region 3, Ofc of the Director. 2pp. 52688:359-52688:360.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### S. Reportable occurrences, LERs & related correspondence

**9002150012** LER 87-004-01: on 870225, inadvertent safety injection occurred during maint troubleshooting. Caused by cognitive personnel error by control sys technician involved. Disciplinary action taken & counseling done. W/900124 ltr.  
SNOW, M., PLENIEWICZ, R. Commonwealth Edison Co. 90/02/05. 5pp. 52654:158-52654:162.

#### V. Operator Examinations

**9001310085** Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.

**9002220260** Provides info re certification of V Loughney. V Loughney resigned effective 900119, prior to completion of written exam assignment & therefore, did not complete certification. W/o stated documented qualifications & evaluations.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/06. PERKINS, K.E. Operator Licensing Branch. 1p. 52696:091-52696:091.

**9002220278** Requests encl ref mats at least 60 days prior to requalification program evaluation scheduled for wk of 900528 & 0604.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 8pp. 52696:213-52696:220.

#### DOCKET STN-50-455 BYRON STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9002060149** Rev 3 to EIP NSEP-E0F-1, "Manager of Emergency Operations."  
CARSON, R.T. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

**9002060185** Rev 2 to EIP NSEP-E0F-25, "Protective Measures Director."  
CARSON, R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

**9001300220** Advises that 891222 Rev 29 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52492:332-52492:333.

**9001300242** Forwards Safety Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08. No violations noted.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52473:212-52473:238.

**-9001300256** Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08. No violations, deficiencies or deviations noted. Major areas inspected: emergency preparedness exercise, involving observations of key functions & locations during exercise.  
PATTERSON, J. Region 3, Ofc of the Director. 90/01/03. 25pp. 52473:214-52473:238.

## 156 DOCKETED ITEMS

**9001290078** Advises that 891123 Rev 3d to emergency plan annex, including partial rev to emergency action levels in Table BYA 5-1, Condition 6, Page BYA 5-1.17, acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/01/09. REED, C. Commonwealth Edison Co. 2pp. 52469:192-52469:193.

**9001290094** Rev 4 to EPIP BZP 380-04, "Post-Accident Sampling of Station Blowdown Monitor." \* Commonwealth Edison Co. 90/01/09. 7pp. 52453:225-52453:231.

**9002150089** Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps. \* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

### K. Utility Final Safety Analysis Report (FSAR) & amends

**9002060049** Reissued ltr correcting date of util ltr to NRC which forwarded updated FSAR for Byron/Braidwood plants from 881214 to 891214.W/o updated FSARs. HUNSADER, S.C. Commonwealth Edison Co. 90/01/10. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52556:212-52556:212.

**9002220159** Forwards suppl to Rev 1 to updated FSAR for Braidwood Station, Units 1 & 2 & Byron Station, Units 1 & 2, per 881214 & 891214 submittals. HUNSADER, S.C. Commonwealth Edison Co. 90/02/16. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52694:187-52694:270.

**9002220163** Suppl to Rev 1 to updated FSAR for Braidwood Station, Units 1 & 2 & Byron Station, Units 1 & 2. \* Commonwealth Edison Co. 90/02/16. 440pp. 52694:191-52694:270.

### P. Operating license stage documents & correspondence

**9002180066** Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr. SHEMANSKI, P.C. Project Directorate III-2. 89/11/24. KOVACH, T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

**9001310208** Submits update on status of RHR sys iconic display at facilities, per Generic Ltr 88-17 re loss of DHR. Computer graphics display data in real time & reflect status of refueling water level & RHR pump parameters. SCHUSTER, T.K. Commonwealth Edison Co. 90/01/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52504:135-52504:135.

**9002010089** Advises that 891027 response to Generic Ltr 88-20 re individual plant exam approach, methodology & schedule acceptable. SHEMANSKI, P.C. Project Directorate III-2. 90/01/24. KOVACH, T.J. Commonwealth Edison Co. 5pp. 52539:096-52539:100.

**9002060369** Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44.45 & 46 & App B, Section XI. RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

**9002140103** Forwards environ assessment supporting 890731 request for exemption to permit use of VANTAGE 5 fuel at facilities. OLSHAN, L.N. Project Directorate III-2. 90/01/31. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52655:173-52655:178.

**9002140106** Environ assessment & finding of no significant impact supporting util request for amends to Licenses NPF-37 & NPF-66 to permit use of VANTAGE 5 fuel at facilities. CRAIG, J.W. Project Directorate III-2. 90/01/24. 3pp. 52655:176-52655:178.

**9002160131** Forwards Amends 36 to Licenses NPF-37 & NPF-66 & safety evaluation. Amends approve changes to Tech Specs to allow use of VANTAGE 5 fuel. OLSHAN, L.N. Project Directorate III-2. 90/01/31. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52670:034-52670:062.

**9002160133** Amends 36 to Licenses NPF-37 & NPF-66, approving changes to Tech Specs to allow use of VANTAGE 5 fuel. CRAIG, J.W. Project Directorate III-2. 90/01/31. 18pp. 52670:038-52670:055.

**9002160092** Safety evaluation supporting Amends 36 to Licenses NPF-37 & NPF-66. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 7pp. 52670:056-52670:062.

**9002160145** Forwards notice of issuance of Amend 36 to Licenses NPF-37 & NPF-66, revising Tech Specs to allow use of Vantage 5 fuel. Notice filed w/Ofc of FR for publication. OLSHAN, L.N. Project Directorate III-2. 90/01/31. KOVACH, T.J. Commonwealth Edison Co. 1p. 52679:099-52679:101.

**9002160146** Notice of issuance of Amend 36 to License NPF-37 & NPF-66, revising Tech Specs to allow use of Vantage 5 fuel. EIS not warranted. CRAIG, J.W. Project Directorate III-2. 90/01/31. 2pp. 52679:100-52679:101.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140256** Provides alternative design solution to DCRDR implementation at facilities. Simpler design devised, using eyelet screw inserted in switch nameplate which is identical to providing caution cards in close proximity to switch handle. SCHUSTER, T.K. Commonwealth Edison Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52655:301-52655:301.

**9002120291** Forwards WCAP-12431, "Analysis of Capsule U From Comm Ed Byron Unit 2 Reactor Vessel Radiation Surveillance Program" & advises of no need to amend Tech Spec requirements providing pressure-temp limitations. SCHUSTER, T.K. Commonwealth Edison Co. 90/02/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52645:227-52645:310.

**9002120303** "Analysis of Capsule U From Comm Ed Byron Unit 2 Reactor Vessel Radiation Surveillance Program." TEREKE, LIPPINCOTT, E.P., MEYER, T.A. Westinghouse Electric Corp. WCAP-12431. 89/10/31. 83pp. 52645:228-52645:310.

**9002220170** Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

**9002230104** Requests NRC approval for use of Alloy 690 steam generator tube plugs for facility, prior to 900301, pending final ASME approval of code case for Alloy 690. RICHTER, M.H. Commonwealth Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52715:335-52715:336.

### Q. Inspection reports, IE Bulletins & correspondence

**9001120034** Responds to NRC 891020 ltr re open item noted in Insp Repts 50-454/89-17 & 50-455/89-19. Operating engineers & assistant technical staff supervisor will meet to discuss safety significant off-normal equipment or operations as needed. SCHUSTER, T. Commonwealth Edison Co. 89/12/14. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52655:064-52655:064.

**9001300242** Forwards Safety Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. REED, C. Commonwealth Edison Co. 2pp. 52473:212-52473:238.

**9001300258** Insp Repts 50-454/89-18 & 50-455/89-20 on 891205-08. No violations, deficiencies or deviations noted. Major areas inspected: emergency preparedness exercise, involving observations of key functions & locations during exercise. PATTERSON, J., FOSTER, J., SNELL, W. Region 3, Ofc of the Director. 90/01/03. 25pp. 52473:214-52473:238.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFF, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9002090302** Advises that Insp Rept 50-455/89-22 issued on 891208, incorrectly numbered 50-454/89-21. GREGER, L.R. Region 3, Ofc of the Director. 90/01/24. REED, C. Commonwealth Edison Co. 1p. 52626:259-52626:259.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9002060230** Forwards response to NRC Bulletin 89-003. Util nuclear fuels dept designs or reviews & approves each core reload for plants & refueling operations recently reviewed to ensure appropriate procedural controls in place. RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52569:246-52569:250.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9002220173** Discusses applicability of safety evaluations prior to manipulation of ECCS valves, in response to violations noted in Insp Repts 50-454/89-16 & 50-455/89-18. Nuclear operations directives re ECCS valve positions will be sent by 900415. SCHUSTER, T.K. Commonwealth Edison Co. 90/01/31. BERT, A.B. Region 3, Ofc of the Director. 2pp. 52688:359-52688:360.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**9002270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies. MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

### S. Reportable occurrences, LERs & related correspondence

**9002220074** LER 90-001-00: on 900118, during functional surveillance on steam generator pressure channel 526, channel 525 spiked low, causing reactor trip & safety injection. Caused by failure of pressure transmitter. Transmitter replaced. W/900126 ltr. GIERICH, T., LENIEWICZ, R. Commonwealth Edison Co. 90/02/09. 4pp. 52679:064-52679:067.



**V. Operator Examinations**

- 9001310085** Provides info re generic fundamentals exam section of operator licensing exam on 900207 & advises that results of exam should be available within 3 wks following completion of exam.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/01/16. Commonwealth Edison Co. 5pp. 52497:213-52497:217.
- 9002220260** Provides info re certification of V Loughney.V Loughney resigned effective 900119,prior to completion of written exam assignment & therefore,did not complete certification. W/o stated documented qualifications & evaluations.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/06. PERKINS,K.E. Operator Licensing Branch. 1p. 52696:091-52696:091.
- 9002220278** Requests encl ref matls at least 60 days prior to requalification program evaluation scheduled for wk of 900528 & 0604.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/06. REED,C. Commonwealth Edison Co. 8pp. 52696:213-52696:220.

**DOCKET STN-50-456 BRAIDWOOD STATION, UNIT 1****F. Security, medical, emergency & fire protection plans**

- 9002060149** Rev 3 to EPIP NSEP-E0F-1, "Manager of Emergency Operations."  
CARSON,R.T., GILMAN,T.R. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.
- 9002060185** Rev 2 to EPIP NSEP-E0F-25, "Protective Measures Director."  
CARSON,R., GILMAN,T.R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.
- 9002060208** Provides results of review of accessibility of valves 1RH8701B & 1RH8702B located within Unit 1 containment,per Insp Repts 50-456/89-11 & 50-457/89-11.Design change request submitted for better access to valve 1RH8702B.  
KOVACH,T.J. Commonwealth Edison Co. 89/12/29. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52584:273-52584:274.
- 9001300152** Advises that 891222 Ref 17 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGG,L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH,T.J. Commonwealth Edison Co. 2pp. 52490:326-52490:327.
- 9002150089** Revised EPIPs,including Rev 3 to EG-18 & Rev 6 to EG-2.W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.
- K. Utility Final Safety Analysis Report (FSAR) & amends**
- 9002060049** Relssued ltr correcting date of util ltr to NRC which forwarded updated FSAR for Byron/Braidwood plants from 881214 to 891214.W/o updated FSARs.  
HUNSADER,S.C. Commonwealth Edison Co. 90/01/10. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52556:212-52556:212.
- 9002220159** Forwards suppl to Rev 1 to updated FSAR for Braidwood Station,Units 1 & 2 & Byron Station,Units 1 & 2,per 881214 & 891214 submittals.  
HUNSADER,S.C. Commonwealth Edison Co. 90/02/16. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52694:187-52694:270.
- 9002220163** Suppl to Rev 1 to updated FSAR for Braidwood Station,Units 1 & 2 & Byron Station,Units 1 & 2.  
\* Commonwealth Edison Co. 90/02/16. 440pp. 52694:191-52694:270.

**P. Operating license stage documents & correspondence**

- 9002160086** Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI,P.C. Project Directorate III-2. 89/11/24. KOVACH,T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.
- 9002020127** Forwards completed questionnaires for Temporary Instruction 2515/104, "Fitness for Duty:Insp of Initial Training Program" & discusses discrepancies.  
TAYLOR,T.E. Region 3, Ofc of the Director. 89/12/28. MCKEE,P.F. Reactor Safeguards Branch. 10pp. 52540:122-52540:131.
- 9001310188** Responds to Generic Ltr 85-12,TMI Action Item II.K.3.5 re plant-specific application of Westinghouse Owners Group methodology to address reactor coolant pump issue.List of emergency operating procedures provided.  
HUNSADER,S.C. Commonwealth Edison Co. 90/01/22. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52504:140-52504:141.
- 9001310208** Submits update on status of RHR sys iconic display at facilities,per Generic Ltr 88-17 re loss of DHR.Computer graphics display data in real time & reflect status of refueling water level & RHR pump parameters.  
SCHUSTER,T.K. Commonwealth Edison Co. 90/01/22. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52504:135-52504:135.
- 9002150313** Forwards info re invalld test failure experienced on Diesel Generators 1DG01KA & 1DG01KB,per Reg Guide 1.108.  
HUNSADER,S.C. Commonwealth Edison Co. 90/01/22. DAVIS,A.B. Region 3, Ofc of the Director. 18pp. 52675:161-52675:178.
- 9002060369** Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50,App A,GDC 44.45 & 46 & App B,Section XI.  
RICHTER,M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140256** Provides alternative design solution to DCRDR implementation at facilities.Simpler design devised,using eyelet screw inserted in switch nameplate which is identical to providing caution cards in close proximity to switch handle.  
SCHUSTER,T.K. Commonwealth Edison Co. 90/02/02. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52655:301-52655:301.

**9002220170** Advises that 891201 Ref 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50,App B & acceptable.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/12. REED,C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

**9002230104** Requests NRC approval for use of Alloy 690 steam generator tube plugs for facility,prior to 900301,pending final ASME approval of code case for Alloy 690.  
RICHTER,M.H. Commonwealth Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52715:335-52715:336.

**Q. Inspection reports, IE Bulletins & correspondence**

- 9002130354** Responds to NRC 891117 ltr re violations noted in Insp Repts 50-456/89-26 & 50-457/89-26 on 890917-1003.Corrective actions:acceptable alternative to existing Tech Spec re use of dc cross-tie breakers will be developed.  
KOVACH,T.J. Commonwealth Edison Co. 89/12/18. DAVIS,A.B. Region 3, Ofc of the Director. 14pp. 52647:152-52647:165.
- 9002060208** Provides results of review of accessibility of valves 1RH8701B & 1RH8702B located within Unit 1 containment,per Insp Repts 50-456/89-11 & 50-457/89-11.Design change request submitted for better access to valve 1RH8702B.  
KOVACH,T.J. Commonwealth Edison Co. 89/12/29. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52584:273-52584:274.
- 9002220347** Responds to NRC 891222 ltr re violations noted in Insp Repts 50-456/89-28 & 50-457/89-27.Corrective actions:maint work request procedure will be revised to clarify testing performed within nuclear work request package.  
KOVACH,T.J. Commonwealth Edison Co. 90/01/16. DAVIS,A.B. Region 3, Ofc of the Director. 3pp. 52671:049-52671:051.
- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9001290165** Provides current status of DS breaker insps for plant following completion of recent Unit 1 refueling outage & advises that remaining DS breaker insps will be completed by end of upcoming Unit 2 refueling outage.  
RICHTER,M.H. Commonwealth Edison Co. 90/01/22. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52467:348-52467:349.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002060230** Forwards response to NRC Bulletin 89-003.Util nuclear fuels dept designs or reviews & approves each core reload for plants & refueling operations recently reviewed to ensure appropriate procedural controls in place.  
RICHTER,M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52569:246-52569:250.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Mats Licensees." Svc list encl.  
JUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- 9002130194** Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.
- 8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.
- 9002230478** Forwards Insp Repts 50-456/90-04 & 50-457/90-04 on 900116-19.No violations noted.  
GREGG,L.R. Region 3, Ofc of the Director. 90/02/13. REED,C. Commonwealth Edison Co. 2pp. 52701:250-52701:263.

## 158 DOCKETED ITEMS

-9002230479 Insp Repts 50-456/90-04 & 50-457/90-04 on 900116-19,23 & 30. No violations noted. Major areas inspected: chemistry program, including procedures, organization & training, primary & secondary sys water & assurance QC programs in labs.  
HOLTZMAN, R.B., SCHUMACHER, M. Region 3, Ofc of the Director. 90/02/13. 12pp. 52701:252-52701:263.

### S. Reportable occurrences, LERs & related correspondence

9002010095 LER 89-019-00: on 891219, discovered that procedure did not adequately test response times for high steamline pressure rate steamline isolation signal. Caused by deficient procedure. Procedures re response time revised. W/900112 ltr.  
STANCZAK, P., QUERIO, R.E. Commonwealth Edison Co. 90/01/12. 4pp. 52550:049-52550:052.

9002230074 LER 90-001-00: on 900112, reactor tripped during dc ground isolation activities when auxiliary relay energized, causing turbine governor & reheat interceptor valves to close. Caused by increasing steam pressure. Valves closed. W/900206 ltr.  
LAU, P., QUERIO, R.E. Commonwealth Edison Co. 90/02/02. 4pp. 52713:074-52713:077.

9002230320 LER 90-002-03: on 900119, discovered that flanges not added to Procedure 1BwOS, "Primary Containment Integrity Verification of Outside Containment Isolation Devices." Caused by program weakness. Training held. W/900216 ltr.  
LAU, P., QUERIO, R.E. Commonwealth Edison Co. 90/02/09. 5pp. 52713:066-52713:070.

9002220113 Forwards AEOD/E90-02, "Crosby Low Pressure Relief Valves Nozzle Ring Problems." & proposed info notice recommended to be sent to all licensees to inform of benefits of proper maint of valves.  
NOVAK, T.M. Division of Safety Programs (Post 870413). 90/02/12. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 2pp. 52696:099-52696:112.

-9002220116 "Crosby Low Pressure Relief Valves Nozzle Ring Problems."  
ISRAEL, S. Office for Analysis & Evaluation of Operational Data, Director. 90/02/28. 12pp. 52696:101-52696:112.

### DOCKET STN-50-457 BRAIDWOOD STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002060149 Rev 3 to EPIP NSEP-E0F-1, "Manager of Emergency Operations."  
CARSON, R., GILMAN, T.R. Commonwealth Edison Co. 89/12/19. 23pp. 52569:163-52569:185.

9002060185 Rev 2 to EPIP NSEP-E0F-25, "Protective Measures Director."  
CARSON, R., GILMAN, T.R. Commonwealth Edison Co. 89/12/19. 14pp. 52569:051-52569:064.

9002060208 Provides results of review of accessibility of valves 1RH8701B & 1RH8702B located within Unit 1 containment, per Insp Repts 50-456/89-11 & 50-457/89-11. Design change request submitted for better access to valve 1RH8702B.  
KOVACH, T.J. Commonwealth Edison Co. 89/12/29. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52584:273-52584:274.

9001300152 Advises that 891222 Rev 17 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/04. KOVACH, T.J. Commonwealth Edison Co. 2pp. 52490:326-52490:327.

9002150089 Revised EPIPs, including Rev 3 to EG-18 & Rev 6 to EG-2W/six oversize maps.  
\* Commonwealth Edison Co. 90/02/02. 21pp. 52666:051-52666:071.

#### K. Utility Final Safety Analysis Report (FSAR) & amends

9002060049 Reissued ltr correcting date of util ltr to NRC which forwarded updated FSAR for Byron/Braidwood plants from 881214 to 891214. W/o updated FSARs.  
HUNSADER, S.C. Commonwealth Edison Co. 90/01/10. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52556:212-52556:212.

9002220159 Forwards suppl to Rev 1 to updated FSAR for Braidwood Station, Units 1 & 2 & Byron Station, Units 1 & 2, per 881214 & 891214 submittals.  
HUNSADER, S.C. Commonwealth Edison Co. 90/02/16. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52694:187-52694:270.

-9002220163 Suppl to Rev 1 to updated FSAR for Braidwood Station, Units 1 & 2 & Byron Station, Units 1 & 2.  
\* Commonwealth Edison Co. 90/02/16. 440pp. 52694:191-52694:270.

#### P. Operating license stage documents & correspondence

9002160066 Ack receipt of util 891027 response to Generic Ltr 88-20, "Individual Plant Exams." NRC will document acceptability of util plan & schedule in 891201 ltr.  
SHEMANSKI, P.C. Project Directorate III-2. 89/11/24. KOVACH, T.J. Commonwealth Edison Co. 8pp. 52669:012-52669:019.

9002020127 Forwards completed questionnaires for Temporary Instruction 2515/104, "Fitness for Duty: Insp of Initial Training Program" & discusses discrepancies.  
TAYLOR, T.E. Region 3, Ofc of the Director. 89/12/28. MCKEE, P.F. Reactor Safeguards Branch. 10pp. 52540:122-52540:131.

9001310188 Responds to Generic Ltr 85-12, TMI Action Item II.K.3.5 re plant-specific application of Westinghouse Owners Group methodology to address reactor coolant pump issue. List of emergency operating procedures provided.  
HUNSADER, S.C. Commonwealth Edison Co. 90/01/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52504:140-52504:141.

9001310208 Submits update on status of RHR sys iconic display at facilities, per Generic Ltr 88-17 re loss of DHR. Computer graphics display data in real time & reflect status of refueling water level & RHR pump parameters.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/01/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52504:135-52504:135.

9002060369 Forwards response to Generic Ltr 89-13 re assurance that util svc water sys in compliance w/10CFR50, App A, GDC 44.45 & 46 & App B, Section XI.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 55pp. 52555:315-52555:009.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002140256 Provides alternative design solution to DCRDR implementation at facilities. Simpler design devised, using eyelet screw inserted in switch nameplate which is identical to providing caution cards in close proximity to switch handle.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52655:301-52655:301.

9002220170 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.

9002230104 Requests NRC approval for use of Alloy 690 steam generator tube plugs for facility, prior to 900301, pending final ASME approval of code case for Alloy 690.  
RICHTER, M.H. Commonwealth Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52715:335-52715:336.

### Q. Inspection reports, IE Bulletins & correspondence

9002130354 Responds to NRC 891117 ltr re violations noted in Insp Repts 50-456/89-26 & 50-457/89-26 on 890917-1003. Corrective actions: acceptable alternative to existing Tech Spec re use of dc cross-tie breakers will be developed.  
KOVACH, T.J. Commonwealth Edison Co. 89/12/18. DAVIS, A.B. Region 3, Ofc of the Director. 14pp. 52647:152-52647:165.

9002060208 Provides results of review of accessibility of valves 1RH8701B & 1RH8702B located within Unit 1 containment, per Insp Repts 50-456/89-11 & 50-457/89-11. Design change request submitted for better access to valve 1RH8702B.  
KOVACH, T.J. Commonwealth Edison Co. 89/12/29. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52584:273-52584:274.

9002220347 Responds to NRC 891222 ltr re violations noted in Insp Repts 50-456/89-28 & 50-457/89-27. Corrective actions: maint work request procedure will be revised to clarify testing performed within nuclear work request package.  
KOVACH, T.J. Commonwealth Edison Co. 90/01/16. DAVIS, A.B. Region 3, Ofc of the Director. 3pp. 52671:049-52671:051.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001290165 Provides current status of DS breaker insps for plant following completion of recent Unit 1 refueling outage & advises that remaining DS breaker insps will be completed by end of upcoming Unit 2 refueling outage.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/22. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52467:348-52467:349.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9002060230 Forwards response to NRC Bulletin 89-003. Util nuclear fuels dept designs or reviews & approves each core reload for plants & refueling operations recently reviewed to ensure appropriate procedural controls in place.  
RICHTER, M.H. Commonwealth Edison Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52569:246-52569:250.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:004.

9002130194 Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

—8807270182 Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate II-3. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

9002230476 Forwards Insp Repts 50-456/90-04 & 50-457/90-04 on 900116-19.No violations noted.  
GREGGER,L.R. Region 3, Ofc of the Director. 90/02/13. REED,C. Commonwealth Edison Co. 2pp. 52701:250-52701:263.

—9002230479 Insp Repts 50-456/90-04 & 50-457/90-04 on 900116-19,23 & 30. No violations noted.Major areas inspected:chemistry program, including procedures,organization & training,primary & secondary sys water & assurance QC programs in labs.  
HOLTZMAN,R.B., SCHUMACHER,M. Region 3, Ofc of the Director. 90/02/13. 12pp. 52701:252-52701:263.

#### DOCKET 50-458 RIVER BEND STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

8911090356 Responds to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Short-term actions to protect against attempted radiological sabotage involving land vehicle bomb threat added to plan.  
BOOKER,J.E. Gulf States Utilities Co. 89/11/03. Document Control Branch (Document Control Desk). 2pp. 52655:073-52655:074.

9001290117 Ack receipt of 891122 ltr transmitting objectives for upcoming exercise.Objectives appear reasonable.Exercise scenario presently under review.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/12. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52653:112-52653:114.

9002080208 Forwards Insp Rept 50-458/89-46 on 891211-15.No violations or deviations noted.Two open items identified re lack of response & operability checks of radiation detection instruments & training for emergency response personnel.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/01. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52589:037-52589:046.

—9002080213 Insp Rept 50-458/89-46 on 891211-15.No violations noted. Major areas inspected:operational status of emergency preparedness program,changes to emergency plan & implementing procedures & changes to emergency facilities.  
TERC,N.M., POWERS,D.A. Region 4, Ofc of the Director. 90/01/31. 7pp. 52589:040-52589:046.

9002140007 Forwards Insp Rept 50-458/89-39 on 891113-17 & notice of violation.NRC concerned that some violations indicate need to improve staff training on regulatory requirements.Notice of violation withheld (ref 10CFR73.21).  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/07. DEDDENS,J.C. Gulf States Utilities Co. 4pp. 52653:242-52653:246.

—9002140009 Partially withheld Insp Rept 50-458/89-39 on 891113-17 (ref 10CFR73.21).Violations noted.Major areas inspected:physical security program,including records & repts,mgt effectiveness,assessment aids & physical barriers.  
EARNEST,A.B., POWERS,D. Region 4, Ofc of the Director. 90/02/01. 1p. 52653:246-52653:246.

#### H. General correspondence

9002080247 Comments on proposed rule 10CFR71 re compatibility of transportation regulations w/IAEA.Concurs w/proposed rule re transportation regulations w/exception of proposed requirements for low-specific-activity matl.  
BOOKER,J.E. Gulf States Utilities Co. 90/01/24. Docketing & Services Branch. 2pp. 52567:157-52567:158.

#### J. Insurance & Indemnity Information

9002060191 Forwards notification of nuclear liability insurance coverage for facility.  
BOOKER,J.E. Gulf States Utilities Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52569:046-52569:047.

—9002060198 Forwards Endorsement 9 to NELIA & MAELU Certificates N-100 & M-100,respectively,Endorsement 5 to NELIA & MAELU Certificates NW-178 & MW-89,respectively & Endorsement 36 to NELIA Policy NF-286.W/o encls.  
SAMUELS,J.L. Marsh & McLennan, Inc. 90/01/09. DINITZ,I. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52568:047-52568:047.

#### M. Antitrust correspondence

9002280256 Responds to FOIA request for records.App document encl & available in PDR.  
PHILLIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. SPECTOR,B.S. Gerst, Heffner, Carpenter & Podgorsky. 2pp. 52727:131-52727:183.

—9002280262 Forwards info requested by Atty General for antitrust review of application for OL.  
SHAPAR,H.K. Atomic Energy Commission (Pre 750101). 73/12/28. BORK,R.H., SAUNDERS,J.J. Justice, Dept. of, Attorney General, Office of. 52pp. 52727:133-52727:183.

#### P. Operating license stage documents & correspondence

9001290192 Notification of 900126 meeting w/util in Region IV ofc to brief NRC mgt on Initiatives implemented at facility to reduce radiation exposure rates.  
CONSTABLE,G.L. Region 4, Ofc of the Director. 90/01/16. Region 4, Ofc of the Director. 2pp. 52467:357-52467:358.

9002090153 Forwards safety evaluation accepting licensee 880721 & 890512 responses to Generic Ltr 88-01 re IGSCC in BWR austenitic stainless steel piping w/ exception of two positions for leak detection.Tech Specs requested.  
PAULSON,W.A. Project Directorate IV. 90/01/25. DEDDENS,J.C. Gulf States Utilities Co. 4pp. 52607:318-52607:348.

—9002090155 Safety evaluation accepting util 880721 & 890512 responses to Generic Ltr 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," except for two alternate positions on leakage detection.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/25. 2pp. 52607:322-52607:323.

—8906210101 Final "Technical Evaluation Rept on Response From Gulf States Util Co to Generic Ltr 88-01 re River Bend Station, Unit 1."  
BATES,R.C., LAKNER,A. Viking Systems International. NRC-03-87-028. 89/06/30. NRC - No Detailed Affiliation Given. 25pp. 52607:324-52607:348.

9002080226 "River Bend Station-Unit 1 Startup Test Rept (Suppl 14)." W/900131 ltr.  
BOOKER,J.E. Gulf States Utilities Co. 90/01/27. 7pp. 52589:030-52589:036.

9002080211 Provides currently identified outage & nonoutage-related activities to update NRC of util licensing activities in order of priority.  
BOOKER,J.E. Gulf States Utilities Co. 90/01/28. Document Control Branch (Document Control Desk). 6pp. 52593:218-52593:223.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002150270 Application for amend to License NPF-47, revising Tech Spec 4.8.1.1 re pretest requirements for Div I & II diesel generator surveillance testing.  
DEDDENS,J.C. Gulf States Utilities Co. 90/02/02. Document Control Branch (Document Control Desk). 8pp. 52675:203-52675:214.

—9002150274 Proposed Tech Specs, revising pretest requirements for Div I & II diesel generator surveillance testing.  
\* Gulf States Utilities Co. 90/02/02. 4pp. 52675:211-52675:214.

9002150296 Provides initial response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Existing training matls associated w/svc water sys adequate to ensure that operators will perform effectively.  
DEDDENS,J.C. Gulf States Utilities Co. 90/02/02. Document Control Branch (Document Control Desk). 7pp. 52677:097-52677:103.

9002160090 Application for amend to License NPF-47, revising Div I & II diesel generator crankshaft insp scheduling contained in Attachment 3 to license & Surveillance Requirement 4.8.1.1. Change requested prior to third refueling outage.  
DEDDENS,J.C. Gulf States Utilities Co. 90/02/02. Document Control Branch (Document Control Desk). 8pp. 52657:327-52657:336.

—9002160094 Proposed Tech Specs re TDI diesel engine crankshaft insp schedule.  
\* Gulf States Utilities Co. 90/02/02. 2pp. 52657:335-52657:336.

9002220744 Forwards 900129 ltr & safety evaluation accepting BWR Owners Group position re post-accident neutron flux monitoring as alternative to Category 1 recommendations,per Reg Guide 1.97.  
PAULSON,W.A. Project Directorate IV. 90/02/07. DEDDENS,J.C. Gulf States Utilities Co. 4pp. 52689:192-52689:195.

#### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300124 Responds to violations noted in Insp Rept 50-458/89-04 on 890918-1017.Corrective actions:foreman counseled on incident & cautioned to employ more care in future & memorandum sent to maint personnel re potential safety hazards.  
BOOKER,J.E. Gulf States Utilities Co. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52491:235-52491:240.

9001300379 Ack receipt of 891201 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-458/89-04. Implementation of corrective actions will be reviewed during future insp.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/22. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52490:221-52490:226.

9002010124 Ack receipt of 891215 ltr,supplementing 890707 response to violations noted in Insp Rept 50-458/89-11.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/22. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52532:011-52532:019.

9002020171 Provides interim status of actions discussed during 891117 exit meeting pending receipt of Insp Rept 50-458/89-200. Licensee has obtained latest maint instruction index & entered index into vendor technical info program.  
DEDDENS,J.C. Gulf States Utilities Co. 90/01/25. Document Control Branch (Document Control Desk). 4pp. 52546:254-52546:257.

9002020213 Forwards response to violations noted in Insp Rept 50-458/89-38 on 891016-20.Response withheld (ref 10CFR73.21).  
DEDDENS,J.C. Gulf States Utilities Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52546:232-52546:232.

9002050020 Forwards Requests for Relief RR0007,Rev 4 & RR0013,Rev 3 re inservice insp program plan for review.Revs correct pipe weld numbering errors & identify remainder of Loop B welds on RCS omitted during previous rev.  
BOOKER,J.E. Gulf States Utilities Co. 90/01/25. Document Control Branch (Document Control Desk). 9pp. 52542:021-52542:029.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

## 160 DOCKETED ITEMS

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Mat Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9002060322 Ack receipt of 900112 ltr informing NRC of steps taken to correct violations noted in Insp 50-458/89-37. Implementation of corrective actions will be reviewed during future insp.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/30. DEDDENS,J.C. Gulf States Utilities Co. 2pp. 52556:180-52556:186.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002080208 Forwards Insp Rept 50-458/89-46 on 891211-15. No violations or deviations noted. Two open items identified re lack of response & operability checks of radiation detection instruments & training for emergency response personnel.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/01. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52589:037-52589:046.

-9002080213 Insp Rept 50-458/89-46 on 891211-15. No violations noted. Major areas inspected: operational status of emergency preparedness program, changes to emergency plan & implementing procedures & changes to emergency facilities.  
TERC,N.M., POWERS,D.A. Region 4, Ofc of the Director. 90/01/31. 7pp. 52589:040-52589:046.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9002160090 Application for amend to License NPF-47, revising Div I & II diesel generator crankshaft insp scheduling contained in Attachment 3 to license & Surveillance Requirement 4.8.1.1. Change requested prior to third refueling outage.  
DEDDENS,J.C. Gulf States Utilities Co. 90/02/02. Document Control Branch (Document Control Desk). 8pp. 52657:327-52657:336.

-9002160094 Proposed Tech Specs re TDI diesel engine crankshaft insp schedule.  
\* Gulf States Utilities Co. 90/02/02. 2pp. 52657:335-52657:336.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002140007 Forwards Insp Rept 50-458/89-39 on 891113-17 & notice of violation. NRC concerned that some violations indicate need to improve staff training on regulatory requirements. Notice of violation withheld (ref 10CFR73.21).  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/07. DEDDENS,J.C. Gulf States Utilities Co. 4pp. 52653:242-52653:246.

-9002140009 Partially withheld Insp Rept 50-458/89-39 on 891113-17 (ref 10CFR73.21). Violations noted. Major areas inspected: physical security program, including records & repts, mgt effectiveness, assessment aids & physical barriers.  
EARNEST,A.B., POWERS,D. Region 4, Ofc of the Director. 90/02/01. 1p. 52653:246-52653:246.

9002150280 Ack granting of enforcement discretion on 900202 for temporary relief from Tech Spec 3.0.3 which was entered when unit failed to meet operational conditions in Tech Spec 7.3.2, "Main Control Room Air Conditioning Sys."  
MARTIN,R.D. Region 4, Ofc of the Director. 90/02/07. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52656:111-52656:113.

9002140258 Forwards Insp Rept 50-458/89-43 on 891204-08. No violations or deviations noted. Inspectors noted that water chemistry & radiological environ monitoring programs implemented in effective manner & in accordance w/NRC requirements.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/08. DEDDENS,J.C. Gulf States Utilities Co. 3pp. 52652:006-52652:041.

-9002140261 Insp Rept 50-458/89-43 on 891204-08. No violations or deviations noted. Major areas inspected: licensee radiological environ monitoring program & water chemistry & radiochemistry & confirmatory measurements.  
NICHOLAS,J.B., WILBORN,L., MURRAY,B. Region 4, Ofc of the Director. 90/02/01. 33pp. 52652:009-52652:041.

9002220151 Responds to violation noted in Insp Rept 50-458/89-41 on 891101-15. Corrective actions: procedure which would provide guidelines for future troubleshooting of recirculation flow control valve sys being developed.  
DEDDENS,J.C. Gulf States Utilities Co. 90/02/09. Document Control Branch (Document Control Desk). 7pp. 52674:075-52674:081.

9002220576 Responds to violations noted in Insp Rept 50-458/89-40. Corrective actions: all prestaged matl removed from containment & radiation protection personnel cautioned on placement of matl on 95-ft elevation of containment.  
DEDDENS,J.C. Gulf States Utilities Co. 90/02/09. Document Control Branch (Document Control Desk). 4pp. 52696:067-52696:070.

### S. Reportable occurrences, LERs & related correspondence

9002080016 LER 89-033-01: on 890916, loss of power to Div II 120-volt ac distribution panel caused auto-start of standby gas treatment & annulus mixing sys, resulting in ESF actuations. Caused by transformer failure. Valves opened. W/900130 ltr.  
ENGLAND,L.A., BOOKER,J.E. Gulf States Utilities Co. 90/01/30. 7pp. 52590:031-52590:037.

9002080021 LER 90-001-00: on 900103, isolation of RCIG steam supply inboard isolation valve occurred during surveillance testing of RCIG sys. Caused by technician lifting wrong lead, causing ESF actuation. Lead relanded on terminal. W/900130 ltr.  
ENGLAND,L.A., BOOKER,J.E. Gulf States Utilities Co. 90/01/30. 4pp. 52590:027-52590:030.

9002120299 LER 89-036-01: on 891007, discovered that various motor-operated valves energized, contrary to assumptions contained in plant fire hazards analysis. Cause not stated. Operations initiated required fire watches on valves. W/900131 ltr.  
ENGLAND,L.A., BOOKER,J.E. Gulf States Utilities Co. 90/01/31. 8pp. 52635:218-52635:225.

9002120339 LER 88-018-04: on 880825, reactor scram occurred due to main generator exciter brush failure. Preventive maint procedure revised to establish specific wear criteria at which brushes to be replaced. W/900131 ltr.  
ENGLAND,L.A., BOOKER,J.E. Gulf States Utilities Co. 90/01/31. 12pp. 52635:226-52635:237.

9002220426 PNO-IV-90-008: on 900211, unit experienced partial ESF actuation of stand-by diesel generator. Caused by Topaz inverter trip. Licensee suspended further use of procedure involved & tagged out charger in FLOAT position.  
CONSTABLE,G.L. Region 4, Ofc of the Director. 90/02/12. 2pp. 52674:082-52674:083.

### V. Operator Examinations

9002130257 Provides info re generic fundamentals exam section of operator licensing exam to be administered on 900207. W/map of area, list of lodging & preliminary instructions.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/29. DEDDENS,J.C. Gulf States Utilities Co. 4pp. 52647:208-52647:211.

### DOCKET 50-459 RIVER BEND STATION, UNIT 2

#### M. Antitrust correspondence

9002280256 Responds to FOIA request for records. App document encl & available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. SPECTOR,B.S. Gerst, Heffner, Carpenter & Podgorsky. 2pp. 52727:131-52727:183.

-9002280262 Forwards info requested by Atty General for antitrust review of application for OL.  
SHAPAR,H.K. Atomic Energy Commission (Pre 750101). 73/12/28. BORK,R.H., SAUNDERS,J.J. Justice, Dept. of, Attorney General, Office of. 52pp. 52727:133-52727:183.

### DOCKET 50-460 WPPSS NUCLEAR PROJECT, UNIT 1

#### A. Application/construction stage documents & correspondence

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### I. Financial Information

9002060001 "WPPSS, 1989 Annual Rept." W/900129 ltr.  
HALVORSON,C.M., MAZUR,D.W., SORENSON,G.C. Washington Public Power Supply System. 89/12/31. 40pp. 52556:327-52557:005.

#### Q. Inspection reports, IE Bulletins & correspondence

9002020001 Forwards Insp Repts 50-397/89-34 & 50-460/89-02 on 891113-1217. No violations noted. Only Paragraph 8 addresses Unit 1 re preservation activities.  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/01/16. SORENSON,G.C. Washington Public Power Supply System. 2pp. 52526:187-52526:199.

-9002020002 Insp Repts 50-397/89-34 & 50-460/89-02 on 891113-1217. No violations or deviations noted. Except for Paragraph 8, repts discuss Unit 2 only. Major areas inspected: control room operations, licensee action on previous findings & LERs.  
JOHNSON,P.H. Region 5, Ofc of the Director. 90/01/16. 11pp. 52526:189-52526:199.

### DOCKET 50-461 CLINTON POWER STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9001300215 Responds to 891129 ltr which forwarded Insp Rept 50-461/89-31, requesting identification of actions underway to ensure that falsification of interim security screening records would be detected in timely manner in future.  
HOLTZSCHER,D.L. Illinois Power Co. 89/12/29. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52471:328-52471:329.

9001290099 Advance Change Notice ACN 3/1 to Rev 2 to AP-04 & AP-10.  
\* Illinois Power Co. 90/01/15. 17pp. 52454:141-52454:157.

9002080370 Responds to NRC 891207 ltr re violations noted in Insp Rept 50-461/89-35. Corrective actions: emergency planning bulletin issued to all emergency response organization members emphasizing importance of attending required training.  
HOLTZSCHER,D.L. Illinois Power Co. 90/02/05. DAVIS,A.B. Region 3, Ofc of the Director. 3pp. 52626:028-52626:030.



**9002220207** Revised EIPs including Rev 3 to EC-03, Rev 6 to EC-07, Pages 1 & 5-8, Rev 3 to EC-12, Pages 1 & 4-7, Rev 5 to FE-05 & attachments & Rev 2 to RA-05 & attachments.  
\* Illinois Power Co. 90/02/07. 89pp. 52683:041-52683:129.

#### P. Operating license stage documents & correspondence

**9001300295** Forwards Rev 3 to "Inservice Exam Plan." Changes to text described. Approval of changes by 900601 to allow time to plan refueling outage activities re inservice exam program requested.  
HOLTZSCHER, D.L. Illinois Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52489:007-52489:130.

**-9001300297** Rev 3 to "Inservice Exam Plan."  
BELL, S.R. Illinois Power Co. 89/10/20. 123pp. 52489:009-52489:130.

**9002070087** Application for amend to License NPF-62, incorporating programmatic controls in administrative controls section of Tech Spec & relocating existing procedural details involving radioactive effluent monitoring instrumentation.  
PERRY, P.S. Illinois Power Co. 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52570:189-52571:207.

**-9002070098** Proposed Tech Specs incorporating programmatic controls in administrative controls section & relocating existing procedural details involving radioactive effluent monitoring instrumentation & control of gaseous effluents.  
\* Illinois Power Co. 90/01/26. 128pp. 52570:193-52570:320.

**-9002070107** Rev 6 to "ODCM."  
\* Illinois Power Co. 89/12/31. 247pp. 52570:321-52571:207.

**9002090076** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." New chlorination sys installed using hypochlorite rather than gaseous chlorine & test program will be developed.  
HOLTZSCHER, D.L. Illinois Power Co. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52599:069-52599:073.

**9002120208** Responds to Generic Ltr 83-28, "Required Actions Based on Generic Implications of Salem ATWS Events." Util intends to discontinue sending ack upon receipt of vendor manual matts.  
HOLTZSCHER, D.L. Illinois Power Co. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52617:278-52617:279.

**9002160197** Forwards Amend 29 to License NPF-62, safety evaluation & notices of issuance & denial. Amend revises Tech Spec Table 3.3.7.5-1 re accident monitoring instrumentation & time-limit values for timers to resolve inconsistencies.  
HICKMAN, J.B. Project Directorate III-2. 90/01/30. HOLTZSCHER, D.L. Illinois Power Co. 3pp. 52658:196-52658:211.

**-9002160201** Amend 29 to License NPF-62, revising Tech Spec Table 3.3.7.5-1 re accident monitoring instrumentation & time-limit values specified for timers in order to delete safety/relief valve acoustic monitors from instrumentation.  
CRAIG, J.W. Project Directorate III-2. 90/01/30. 5pp. 52658:199-52658:203.

**-9002160202** Safety evaluation supporting Amend 29 to License NPF-62.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 2pp. 52658:204-52658:205.

**-9002160204** Forwards environ assessment & finding of no significant impact re 871030 application to change Tech Specs for accident monitoring instrumentation & time-limit values.  
HICKMAN, J.B. Project Directorate III-2. 90/01/19. HOLTZSCHER, D.L. Illinois Power Co. 1p. 52658:206-52658:211.

**-9002160205** Environ assessment & finding of no significant impact re amend to License NPF-62, revising Tech Specs for accident monitoring instrumentation & time-limit values specified for timers.  
CRAIG, J.W. Project Directorate III-2. 90/01/19. 5pp. 52658:207-52658:211.

**9002160116** Forwards Amend 30 to License NPF-62 & safety evaluation. Amend revises Tech Spec Table 4.3.1.1-1 to delete note (h).  
HICKMAN, J.B. Project Directorate III-2. 90/01/31. HOLTZSCHER, D.L. Illinois Power Co. 3pp. 52679:122-52679:133.

**-9002160118** Amend 30 to License NPF-62, revising Tech Spec Table 4.3.1.1-1 to delete note (h).  
CRAIG, J.W. Project Directorate III-2. 90/01/31. 5pp. 52679:125-52679:129.

**-9002160119** Safety evaluation supporting Amend 30 to License NPF-62.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/31. 4pp. 52679:130-52679:133.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002160161** Advises that approach, methodology & schedule for responding to Generic Ltr 88-20, "Individual Plant Exams," contained in 891027 ltr, acceptable. NRC should be notified of any proposed schedule changes.  
HICKMAN, J.B. Project Directorate III-2. 90/02/12. SPANGENBERG, F. Illinois Power Co. 3pp. 52658:181-52658:183.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002070295** Responds to NRC 891121 ltr re violations noted in Insp Rept 50-461/89-32. Corrective actions: review performed to identify surveillances which require lifting of leads in main control room.  
HOLTZSCHER, D.L. Illinois Power Co. 89/12/21. DAVIS, A.B. Region 3, Ofc of the Director. 11pp. 52604:279-52604:289.

**9001300215** Responds to 891129 ltr which forwarded Insp Rept 50-461/89-31, requesting identification of actions underway to ensure that falsification of interim security screening records would be detected in timely manner in future.  
HOLTZSCHER, D.L. Illinois Power Co. 89/12/29. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52471:328-52471:329.

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300295** Forwards Rev 3 to "Inservice Exam Plan." Changes to text described. Approval of changes by 900601 to allow time to plan refueling outage activities re inservice exam program requested.  
HOLTZSCHER, D.L. Illinois Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52489:007-52489:130.

**9001310147** Forwards Operational Safety Team Insp Rept 50-461/89-30 on 890925-1003. No violations noted. Insp verified that plant being operated safely in conformance w/regulatory requirements.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/01/24. PERRY, J.S. Illinois Power Co. 3pp. 52512:144-52512:185.

**-9001310150** Insp Rept 50-461/89-30 on 890925-1003. No violations noted. Major areas inspected: licensee integrated plant operations & performance of organizations that control & support plant operation.  
KNOP, R.C. Region 3, Ofc of the Director. 90/01/22. 38pp. 52512:148-52512:185.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-35 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:225.

**9002080375** Forwards Requalification Exam Rept 50-461/OL-90-02 on 900122-23. All operators passed retake exams.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/01. PERRY, J.S. Illinois Power Co. 2pp. 52609:179-52609:186.

**-9002080381** Exam Rept 50-461/OL-90-02 on 900122-23. Exam results: all operators passed retake exams.  
NEJFELT, G.M., JORDAN, M.J. Region 3, Ofc of the Director. 90/02/01. 6pp. 52609:181-52609:186.

**9002160037** Forwards Exam Rept 50-461/OL-90-01 administered during wk of 900115-19.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/01. PERRY, J.S. Illinois Power Co. 2pp. 52669:041-52669:049.

**-9002160040** Exam Rept 50-461/OL-90-01 on 900115-19. Exam results: all five senior reactor operator candidates passed written exam. One candidate failed administrative topics & integrated plant operations portions of operating test.  
RAU, E.D., MIKELSON, K., ORTON, B. Region 3, Ofc of the Director. 90/02/01. 7pp. 52669:043-52669:049.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9002230056** Forwards matrix of plant performance when examined by SALP process evaluative criteria, rather than by each functional area.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/02/02. PERRY, J.S. Illinois Power Co. 3pp. 52709:281-52709:283.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002080370** Responds to NRC 891207 ltr re violations noted in Insp Rept 50-461/89-35. Corrective actions: emergency planning bulletin issued to all emergency response organization members emphasizing importance of attending required training.  
HOLTZSCHER, D.L. Illinois Power Co. 90/02/05. DAVIS, A.B. Region 3, Ofc of the Director. 3pp. 52626:028-52626:030.

**9002130194** Partial response to FOIA request. App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN, D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS, D.B. Project Directorate II-3. 88/07/18. BUTLER, W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.

#### R. Periodic operating reports & related correspondence

**9002230524** "Annual Operating Rept for Clinton Power Station for 1989." W/9000000000  
SPANGENBERG, F. Illinois Power Co. 89/12/31. 6pp. 52709:228-52709:233.

## 162 DOCKETED ITEMS

9001300082 Forwards revised pages to 1987 radiological environ monitoring rept. HOLTZSCHER,D.L. Illinois Power Co. 90/01/10. Document Control Branch (Document Control Desk). 2pp. 52474:349-52474:360.

—9001300158 Revised pages to "1987 Clinton Power Station Radiological Environ Monitoring Rept."  
\* Illinois Power Co. 87/12/31. 10pp. 52474:351-52474:360.

9002230294 Monthly operating rept for Jan 1990 for Clinton Power Station, Unit 1.W/ 900212 ltr.  
SPANGENBERG,F. Illinois Power Co. 90/01/31. 5pp. 52701:135-52701:139.

### S. Reportable occurrences, LERs & related correspondence

9002120156 Special rept on 891230, during test to restore diesel generator 1A to operable status following failure on 891227, generator cranked but did not start. Caused by failure of contacts on K19 control set-up relay. Relay replaced.  
HOLTZSCHER,D.L. Illinois Power Co. 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52607:035-52607:044.

### V. Operator Examinations

9002080375 Forwards Requalification Exam Rept 50-461/OL-90-02 on 900122-23. All operators passed retake exams.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/01. PERRY,J.S. Illinois Power Co. 2pp. 52609:179-52609:186.

—9002080381 Exam Rept 50-461/OL-90-02 on 900122-23. Exam results: all operators passed retake exams.  
NEUFELT,G.M., JORDAN,M.J. Region 3, Ofc of the Director. 90/02/01. 6pp. 52609:181-52609:186.

9002160037 Forwards Exam Rept 50-461/OL-90-01 administered during wk of 900115-19.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/01. PERRY,J.S. Illinois Power Co. 2pp. 52669:041-52669:049.

—9002160040 Exam Rept 50-461/OL-90-01 on 900115-19. Exam results: all five senior reactor operator candidates passed written exam. One candidate failed administrative topics & integrated plant operations portions of operating test.  
RAU,E.D., MIKKELSON,K., ORTON,B. Region 3, Ofc of the Director. 90/02/01. 7pp. 52669:043-52669:049.

## DOCKET STN-50-470 CESSAR SYSTEM 80, COMBUSTION ENGINEERING, INC.

### A. Application/construction stage documents & correspondence

9001300096 Requests that consolidated financial statements submitted to NRC by 891121 ltr re indirect transfer of C-E licenses be treated as confidential, per 10CFR2.790. Supporting affidavit encl.  
BURT,R.M. ASEA Brown Boveri, Inc. 90/01/05. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52490:294-52490:296.

9002010306 Forwards request for addl info to complete review of Sys 80+ design certification for CESSAR-DC, including fire protection analysis, fuel assembly storage capacity, storage densities for spent fuel pool & spent fuel pool storage racks.  
SINGH,R. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/01/24. SCHERER,A.E. Combustion Engineering, Inc. 17pp. 52523:055-52523:071.

9002090070 Forwards response to 881216 request for addl info re CESSAR-DC, Chapters 3, 4, 5 & 6 re turbine missiles, control element drive structural mats, cleaning & contamination protection procedures & reactor internals mats.  
SCHERER,A.E. Combustion Engineering, Inc. 90/01/25. Document Control Branch (Document Control Desk). 35pp. 52599:194-52599:228.

### F. Security, medical, emergency & fire protection plans

9002010306 Forwards request for addl info to complete review of Sys 80+ design certification for CESSAR-DC, including fire protection analysis, fuel assembly storage capacity, storage densities for spent fuel pool & spent fuel pool storage racks.  
SINGH,R. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/01/24. SCHERER,A.E. Combustion Engineering, Inc. 17pp. 52523:055-52523:071.

## DOCKET STN-50-482 WOLF CREEK GENERATING STATION

### F. Security, medical, emergency & fire protection plans

9002140175 Forwards amend to physical security plan. Proposed change will require submittal of fingerprint cards to NRC in lieu of currently required criminal records check. Proposed changes & safety evaluation withheld.  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/02/08. Document Control Branch (Document Control Desk). 3pp. 52653:255-52653:257.

### P. Operating license stage documents & correspondence

9002020267 Grants 891214 request for use of ASME Code Case N-401-1 re digitized collection & storage of eddy current test data as alternative to magnetic tape & strip chart recording of test data.  
HEBDON,F.J. Project Directorate IV. 90/01/24. WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52539:310-52539:312.

9002070413 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util developed plan & schedule to accomplish reviews, evaluations & insps recommended in Part IV.  
RHODES,F.T. Wolf Creek Nuclear Operating Corp. 90/01/30. MARTIN,R.D. Region 4, Ofc of the Director. 5pp. 52592:143-52592:147.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220184 Application for amend to License NPF-42, revising Tech Specs 3.3.2, 3.3.3.1 & 3.7.6 re control room emergency ventilation sys allowed outage times prior to placing sys in emergency operation mode.  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/02/07. Document Control Branch (Document Control Desk). 9pp. 52696:073-52696:089.

—9002220190 Proposed Tech Specs re limiting condition for operation & surveillance requirements for ESFAS instrumentation, radiation monitoring instrumentation & control room emergency ventilation sys.  
\* Wolf Creek Nuclear Operating Corp. 90/02/07. 8pp. 52696:082-52696:089.

### Q. Inspection reports, IE Bulletins & correspondence

9001290005 Forwards Insp Rept 50-482/89-31 on 891201-31. No violations or deviations noted.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/01/17. WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52468:067-52468:076.

—9001290006 Insp Rept 50-482/89-31 on 891201-31. No violations noted. Major areas inspected: plant status, operational safety verification, monthly surveillance & maint observation, cold weather preparations & fitness-for-duty training.  
HOLLER,E.J. Region 4, Ofc of the Director. 90/01/17. 7pp. 52468:070-52468:076.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9002020210 Forwards response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations."  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/01/23. Document Control Branch (Document Control Desk). 3pp. 52529:353-52529:355.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52583:404.

9002220736 Responds to NRC 900103 ltr re violations noted in Insp Rept 50-482/89-30. Corrective actions: communications flow process between facilities & locations of operations status boards will be reviewed to identify needed improvements.  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/02/07. Document Control Branch (Document Control Desk). 4pp. 52683:140-52683:143.

9002140033 Forwards Insp Rept 50-482/90-01 on 900108-11. No violations or deviations noted.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/08. WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52650:273-52650:282.

—9002140037 Insp Rept 50-482/90-01 on 900108-11. No violations or deviations noted. Major areas inspected: training & qualification effectiveness & related followup items.  
VICKREY,R.B., MCCOY,M.C., GAGLIARDO,J.E. Region 4, Ofc of the Director. 90/02/08. 7pp. 52650:276-52650:282.

### R. Periodic operating reports & related correspondence

9002230308 Monthly operating rept for Jan 1990 for Wolf Creek Generating Station. W/ 900215 ltr.  
WILLIAMS,M.G., BAILEY,J.A. Wolf Creek Nuclear Operating Corp. 90/01/31. 7pp. 52715:351-52715:357.

### S. Reportable occurrences, LERs & related correspondence

9002140012 PNO-IV-90-007: on 900206, plant tripped from 100% reactor power on low flow. Caused by differential element overcurrent relay signal tripping reactor coolant pump. Refueling outage scheduled for 900308. State of KS will be informed.  
HOLLER,E. Region 4, Ofc of the Director. 90/02/07. 2pp. 52655:360-52655:361.

**V. Operator Examinations**

- 9001310051** Discusses registration & exam guidelines for GFES of written operator & licensing exam, per Generic Ltr 89-17. Sample registration ltr encl. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/09. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 5pp. 52498:192-52498:196.
- 9002130224** Forwards map of exam administration area & preliminary instructions to participants for generic fundamentals exam section of operator licensing written exam on 900207. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 4pp. 52648:166-52648:169.
- 9002220247** Advises that BT Kckinney, senior reactor operator, no longer employed at util. BAILEY, J.A. Wolf Creek Nuclear Operating Corp. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52688:357-52688:358.
- 9002140033** Forwards Insp Rept 50-482/90-01 on 900108-11. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/08. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52650:273-52650:282.
- 9002140037** Insp Rept 50-482/90-01 on 900108-11. No violations or deviations noted. Major areas inspected: training & qualification effectiveness & related followup items. VICKREY, R.B., MCCOY, M.C., GAGLIARDO, J.E. Region 4, Ofc of the Director. 90/02/06. 7pp. 52650:276-52650:282.

**DOCKET STN-50-483 CALLAWAY PLANT, UNIT 1****F. Security, medical, emergency & fire protection plans**

- 8911060223** Submits response to Suppl 1 to Generic Ltr 89-07 re safeguards contingency planning for surface vehicle bombs. Short-term actions included to protect against attempted radiological sabotage involving land vehicle bomb. SCHNELL, D.F. Union Electric Co. 89/10/23. Document Control Branch (Document Control Desk). 4pp. 52448:033-52448:036.
- 9002020273** Forwards schedules & assignments for emergency operating procedures insp at plant. HASSE, R.A. Region 3, Ofc of the Director. 90/01/18. HOPKINS, J.A. Region 3, Ofc of the Director. 12pp. 52541:299-52541:310.
- 9002010160** Forwards "Exercise Evaluation of Implementation of State & Local Radiological Emergency Response Plans Conducted 891011 for Callaway Nuclear Power Plant." Four cited deficiencies remedied. KWIATKOWSKI, D. Federal Emergency Management Agency. 90/01/22. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 1p. 52522:329-52523:045.
- 9002010161** "Exercise Evaluation of Implementation of State & Local Radiological Emergency Response Plans Conducted 891011 for Callaway Nuclear Power Plant." \* Federal Emergency Management Agency. 89/12/11. 77pp. 52522:330-52523:045.
- 9002070155** Forwards "Callaway Plant Annual Exercise, 891011," emergency exercise scenario for 1989 exercise. STILLER, M.A. Union Electric Co. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52550:085-52551:180.
- 9002070163** "Callaway Plant Annual Exercise, 891011." \* Union Electric Co. 89/06/13. 455pp. 52550:086-52551:180.
- 9002150095** Temporary Change Request 90-0074 to Rev 11 to Procedure EIP-ZZ-00230, "Accountability & Evacuation." DAMPF, J. Union Electric Co. 90/02/02. 3pp. 52656:177-52656:179.
- 9002230143** Temporary Change Notice 90-0080 to Rev 11 to Procedure EIP-ZZ-00230, "Accountability & Evacuation." SLAULKOW, M., LEVINE, D. Union Electric Co. 90/02/12. 3pp. 52702:198-52702:200.

**J. Insurance & Indemnity Information**

- 9002160015** Forwards Endorsement 41 to NELIA Policy NF-264, Endorsement 27 to MAELU Policy MF-111, Endorsement 6 to NELIA Policy NW-159, Endorsement 6 to MAELU Policy MW-81, Endorsement 10 to NELIA Policy N-95 & Endorsement 10 to MAELU Policy M-95. BUCKLES, J.A. Marsh & McLennan, Inc. 90/02/06. DINITZ, J. NRC - No Detailed Affiliation Given. 7pp. 52669:032-52669:038.

**P. Operating license stage documents & correspondence**

- 9002090307** Provides info re operator action times from six simulated steam generator tube ruptures w/ stuck-open atmospheric relief valve. Addl scenarios run to simulate steam generator overfill case unsuccessful due to unrealistic conditions. SCHNELL, D.F. Union Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 14pp. 52608:046-52608:059.
- 9002120103** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Dredge & visual shoreline insps of Missouri River near plant intake indicated presence of small numbers of Asiatic clams. SCHNELL, D.F. Union Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 21pp. 52627:142-52627:162.
- 9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.
- 9002130352** Approves until 900202 request for temporary waiver of compliance from Tech Spec 3/4.1.3, "Moveable Control Assemblies." Approval based on urgent failure alarm received on 800202 during routine control rod motion testing. ZWOLINSKI, J.A. Assistant Director for Region III Reactors (Post 891001). 90/02/06. SCHNELL, D.F. Union Electric Co. 3pp. 52634:269-52634:271.

**9002160165** Forwards environ assessment & finding of no significant impact re 890802 & 1228 applications to amend Tech Spec Section 3/4.1.3 to allow continued operation, for 72 h, w/ one or more control rod assemblies inoperable. ATHAVALE, S.V. Project Directorate III-3. 90/02/09. SCHNELL, D.F. Union Electric Co. 2pp. 52668:291-52668:296.

**-9002160167** Environ assessment & finding of no significant impact re 890802 & 1228 applications to amend Tech Spec Section 3/4.1.3 to allow continued operation, for 72 h, for diagnosis & repair, w/ one or more control rod assemblies inoperable. HALL, J.R. Project Directorate III-3. 90/02/09. 4pp. 52668:293-52668:296.

**9002220148** Requests clarification re positive test results for controlled substances, specifically how second confirmed positive test results are handled. NASLUND, C.D. Union Electric Co. 90/02/12. Document Control Branch (Document Control Desk). 3pp. 52682:066-52682:068.

**9002220355** Forwards Amend 50 to License NPF-30 & safety evaluation. Amend relocates existing procedural details of current radiological effluent Tech Specs to ODCM & procedural details for solid radwaste to process control program. ATHAVALE, S.V. Project Directorate III-3. 90/02/12. SCHNELL, D.F. Union Electric Co. 2pp. 52679:221-52679:269.

**-9002220358** Amend 50 to License NPF-30, relocating existing procedural details of current radiological effluent Tech Specs to ODCM & procedural details for solid radwastes to process control program. HANNON, J.N. Project Directorate III-3. 90/02/12. 43pp. 52679:223-52679:265.

**-9002220359** Safety evaluation supporting Amend 50 to License NPF-30. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/12. 4pp. 52679:266-52679:269.

**Q. Inspection reports, IE Bulletins & correspondence**

- 9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.
- 9002020273** Forwards schedules & assignments for emergency operating procedures insp at plant. HASSE, R.A. Region 3, Ofc of the Director. 90/01/18. HOPKINS, J.A. Region 3, Ofc of the Director. 12pp. 52541:299-52541:310.
- 9001290157** Advises that 890331 & 1107 responses to NRC Bulletin 88-010, Suppl 1 re nonconforming molded-case circuit breakers acceptable. Detailed technical review not yet performed. ALEXION, T.W. Project Directorate III-3. 90/01/22. SCHNELL, D.F. Union Electric Co. 2pp. 52453:256-52453:257.
- 9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.
- 9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.
- 9002120103** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Dredge & visual shoreline insps of Missouri River near plant intake indicated presence of small numbers of Asiatic clams. SCHNELL, D.F. Union Electric Co. 90/01/29. Document Control Branch (Document Control Desk). 21pp. 52627:142-52627:162.
- 9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.
- 9002080091** Forwards Safety Insp Rept 50-483/90-02 on 900108-12. No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/01/30. SCHNELL, D.F. Union Electric Co. 2pp. 52594:275-52594:283.
- 9002080095** Insp Rept 50-483/90-02 on 900108-12. No violations or deviations noted. Major areas inspected: radiological protection program during power operation, including audits & surveillances & internal & external exposure controls. GRANT, W.B., SNELL, W. Region 3, Ofc of the Director. 90/01/30. 7pp. 52594:277-52594:283.
- 9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.
- 9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.
- 9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.
- 9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.
- 9002230549** Forwards Safety Insp Rept 50-483/89-20 on 891201-900131. Violation noted. No notice of violation issued. KNOP, R.C. Region 3, Ofc of the Director. 90/02/13. SCHNELL, D.F. Union Electric Co. 2pp. 52701:162-52701:176.

## 164 DOCKETED ITEMS

-9002230551 Insp Rept 50-483/89-20 on 891201-900131. Violations noted but not cited. Major areas inspected: nonroutine events, plant operations, maint & surveillance & fitness for duty training performed.  
HAGUE, R.L. Region 3, Ofc of the Director. 90/02/13. 13pp. 52701:164-52701:176.

### R. Periodic operating reports & related correspondence

9001310505 Forwards ECCS evaluation model revs 10CFR50.46 annual rept. Util will provide followup rept based on results of Westinghouse investigation to be completed in Second Quarter 1990.  
SCHNELL, D.F. Union Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 10pp. 52498:041-52498:050.

9002140014 Monthly operating rept for Jan 1990 for Callaway Unit 1. W/900205 ltr.  
MCCANN, R.J., BLOSSER, J.D. Union Electric Co. 90/01/31. 6pp. 52655:334-52655:339.

### S. Reportable occurrences, LERs & related correspondence

9002130277 LER 90-001-00: on 900108, discovered that 24-month Tech Spec required local leak rate test surveillance for containment electrical penetration had not been performed since 8/09/17. Caused by personnel error. Test performed. W/900205 ltr.  
CZESCHIN, G.J., BLOSSER, J.D. Union Electric Co. 90/02/05. 5pp. 52637:019-52637:023.

## DOCKET STN-50-486 CALLAWAY PLANT, UNIT 2

### J. Insurance & indemnity information

9002160015 Forwards Endorsement 41 to NELIA Policy NF-264, Endorsement 27 to MAELU Policy MF-111, Endorsement 6 to NELIA Policy NW-159, Endorsement 6 to MAELU Policy MW-81, Endorsement 10 to NELIA Policy N-95 & Endorsement 10 to MAELU Policy M-95.  
BUCKLES, J.A. Marsh & McLennan, Inc. 90/02/06. DINITZ, I. NRC - No Detailed Affiliation Given. 7pp. 52669:032-52669:038.

## DOCKET STN-50-498 SOUTH TEXAS PROJECT, UNIT 1

### F. Security, medical, emergency & fire protection plans

9001300227 Forwards response to violations noted in Insp Repts 50-498/89-39 & 50-499/89-39. Response withheld.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52490:068-52490:069.

9002120152 Revised EIPs, including Rev 17 to Page 47 of OPGP03-ZA-0002, & Rev 8 to Page 19 of OPGP03-ZA-0003. W/900129 ltr.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/29. 10pp. 52627:168-52627:177.

9002060042 Forwards comparison of intrusion detection sys proposed for various physical security upgrade. Encl withheld (10CFR73.21).  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52555:267-52555:268.

9002090180 Forwards Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08. No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. HALL, D.P. Houston Lighting & Power Co. 4pp. 52626:315-52626:319.

-9002090181 Partially withheld Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08 (ref 10CFR73.21). No violations or deviations noted. Major areas inspected: physical security program, including plans & procedures, mgt effectiveness & repts.  
EARNEST, A.B., POWERS, D.A. Region 4, Ofc of the Director. 90/01/19. 1p. 52626:319-52626:319.

9002230087 Advises that Rev 12 to util security personnel training & qualification plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/06. HALL, D.P. Houston Lighting & Power Co. 4pp. 52714:235-52714:238.

### G. Adjudicatory correspondence

9002130118 Order CLI-90-01.\* Denies J Corder motion for protective order staying enforcement of NRC 891201 subpoena on basis that no reason exists to delay Corder compliance w/subpoena. W/Certificate of Svc. Served on 900209. Re-served on 900212.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9815. 90/02/08. Corder, J. 7pp. 52607:001-52607:007.

### K. Utility Final Safety Analysis Report (FSAR) & amends

9001310098 Corrected Pages Q&R 5.2-5 & Q&R 5.2-8 of Vol 21 to updated FSAR for South Texas Project Unit 1.  
\* Houston Lighting & Power Co. 90/01/06. 5pp. 52497:249-52497:253.

### P. Operating license stage documents & correspondence

9001300139 Forwards "1RE01 Inservice Insp Summary Rept for Sys Pressure Tests at South Texas Project Electric Generating Station, Unit 1."  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/16. Document Control Branch (Document Control Desk). 3pp. 52490:088-52490:113.

-9001300148 "1RE01 Inservice Insp Summary Rept for Sys Pressure Tests at South Texas Project Electric Generating Station, Unit 1."  
PATHAK, A.P., TIMMARAJU, S., MCINTYRE, A.C. Houston Lighting & Power Co. 90/01/09. 20pp. 52490:091-52490:113.

9002104020 Forwards Rev 4 to "Pump & Valve Inservice Test Plan." Rev includes addition of component cooling water valves FV-0864, FV-0862 & FV-0863 & containment sys valves FV-1025, FV-1026, FV-1027 & FV-1028.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52515:253-52515:017.

-9002104024 Rev 4 to, "Pump & Valve Inservice Test Plan."  
POST, B.E., JORDAN, J.J. Houston Lighting & Power Co. 90/01/08. 123pp. 52515:255-52515:017.

9002020181 Forwards info requested by Sandia during 891128-30 plant visit re Class 1E battery chargers. W/two oversize drawings.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/25. Document Control Branch (Document Control Desk). 8pp. 52532:093-52532:100.

9002070293 Advises that 891212 Rev 0 to QA program meets requirements of 10CFR50, App B & acceptable.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. HALL, D.P. Houston Lighting & Power Co. 4pp. 52587:345-52587:348.

9002080124 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Three bays of essential cooling water intake structure will be inspected once every 18 months for macroscopic biological fouling organisms.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/29. Document Control Branch (Document Control Desk). 11pp. 52594:287-52594:297.

9002090004 Requests approval of scheduler exemption from 10CFR50, App J, Type C local leak rate testing requirements by 900301, based on interval between completion of Unit 1 first refueling outage & second refueling outage start of only 6 months.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/30. Document Control Branch (Document Control Desk). 4pp. 52599:176-52599:179.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002120111 Application for amends to Licenses NPF-76 & NPR-80, revising Tech Specs to extend allowed outage times & surveillance test intervals based on PRA of current tech specs.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/02/01. Document Control Branch (Document Control Desk). 12pp. 52616:107-52617:020.

-9002120114 Proposed Tech Specs, extending allowed outage times & surveillance test intervals based on PRA of current Tech Specs.  
\* Houston Lighting & Power Co. 90/02/01. 262pp. 52616:119-52617:020.

9002150247 Forwards updated schedule of responses to NRC Generic Ltrs 83-28, 88-17, 88-20, 89-05, 89-06, 89-07, 89-08, 89-10, 89-12, 89-13, 89-17, 89-19 & 89-21 & Bulletins 88-001, 88-006, 88-010, 88-011, 89-001, 89-002, 89-003, 88-006, Suppl 1 & 88-010, Suppl 1.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/07. Document Control Branch (Document Control Desk). 5pp. 52675:198-52675:202.

### Q. Inspection reports, IE Bulletins & correspondence

9001300125 Forwards "1RE01 Inservice Insp Summary Rept for Repairs & Replacements at South Texas Project Electric Generating Station, Unit 1," including period from commercial operation (880825) to completion of first refueling outage (891019).  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/16. Document Control Branch (Document Control Desk). 3pp. 52496:236-52496:257.

-9001300131 "1RE01 Inservice Insp Summary Rept for Repairs & Replacements at South Texas Project Electric Generating Station, Unit 1."  
PATHAK, A.P., TIMMARAJU, S., MCINTYRE, A.C. Houston Lighting & Power Co. 90/01/09. 18pp. 52496:239-52496:257.

9001300139 Forwards "1RE01 Inservice Insp Summary Rept for Sys Pressure Tests at South Texas Project Electric Generating Station, Unit 1."  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/16. Document Control Branch (Document Control Desk). 3pp. 52490:088-52490:113.

-9001300148 "1RE01 Inservice Insp Summary Rept for Sys Pressure Tests at South Texas Project Electric Generating Station, Unit 1."  
PATHAK, A.P., TIMMARAJU, S., MCINTYRE, A.C. Houston Lighting & Power Co. 90/01/09. 20pp. 52490:091-52490:113.

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001310218 Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling..." Plant has no safety-related valves subj to bulletin.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:187-52503:189.

9002050011 Forwards Insp Repts 50-498/89-47 & 50-499/89-47 on 891201-31 & notice of violation. NRC concerned re violation due to example of inattention to nonsafety-related equipment impacting safety-related function. Util response requested.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/23. HALL, D.P. Houston Lighting & Power Co. 4pp. 52542:100-52542:123.

-9002050012 Notice of violation from insp on 891201-31. Violation noted: no written procedures established to verify calibr accuracy of heat trace control circuits needed to accomplish Tech Spec Surveillance Requirements 4.1.2.1.a.  
\* Region 4, Ofc of the Director. 90/01/23. 1p. 52542:104-52542:104.

-9002050014 Insp Repts 50-498/89-47 & 50-499/89-47 on 891201-31. Violations noted. Major areas inspected: plant status, onsite followup of events at operating power reactor, ESF sys walkdown & monthly surveillance & maint observations.  
HOLLER, E.J. Region 4, Ofc of the Director. 90/01/22. 19pp. 52542:105-52542:123.



9001300227 Forwards response to violations noted in Insp Repts 50-498/89-39 & 50-499/89-39. Response withheld.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52490:068-52490:069.

9001310102 Provides add info re surge line stratification at facility, per NRC Bulletin 88-011. W/exception of one heatup cycle, stratification observed in surge line determined to be within bounds of WCAP-12067. Rev 1.  
ROSEN, S.L. Houston Lighting & Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52514:054-52514:058.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001250020 Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

9002070185 Ack receipt of 891201 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-498/89-25 & 50-499/89-25.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/31. HALL, D.P. Houston Lighting & Power Co. 4pp. 52571:208-52571:217.

9002080013 Forwards Insp Repts 50-498/89-46 & 50-499/89-46 on 891129-1222. No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/31. HALL, D.P. Houston Lighting & Power Co. 4pp. 52594:083-52594:094.

9002080014 Insp Repts 50-498/89-46 & 50-499/89-46 on 891129-1222. No violations or deviations noted. Major areas inspected: licensee action taken in response to 891128 failure of Standby Diesel 22.  
GARRISON, D.L., BARNES, J. Region 4, Ofc of the Director. 90/01/28. 8pp. 52594:087-52594:094.

9001260198 NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

9002090180 Forwards Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08. No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. HALL, D.P. Houston Lighting & Power Co. 4pp. 52626:315-52626:319.

9002090181 Partially withheld Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08 (ref 10CFR73.21). No violations or deviations noted. Major areas inspected: physical security program, including plans & procedures, mgt effectiveness & repts.  
EARNST, A.B., POWERS, D.A. Region 4, Ofc of the Director. 90/01/19. 1p. 52626:319-52626:319.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

9002150247 Forwards updated schedule of responses to NRC Generic Ltrs 83-28, 88-17, 88-20, 89-05, 89-06, 89-07, 89-08, 89-10, 89-12, 89-13, 89-17, 89-19 & 89-21 & Bulletins 88-001, 88-008, 88-010, 88-011, 89-001, 89-002, 89-003, 88-008, Suppl 1 & 88-010, Suppl 1.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/07. Document Control Branch (Document Control Desk). 5pp. 52675:198-52675:202.

9002230016 Responds to NRC IE Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Util concluded that sufficient precautions will be in place to ensure against loss of required shutdown margin.  
ROSEN, S.L. Houston Lighting & Power Co. 90/02/16. Document Control Branch (Document Control Desk). 5pp. 52702:275-52702:279.

#### R. Periodic operating reports & related correspondence

9001300319 Monthly operating repts for Dec 1989 for South Texas Generating Station, Units 1 & 2. W/900115 ltr.  
KENT, A.P., MCBURNETT, M.A. Houston Lighting & Power Co. 89/12/31. 14pp. 52474:320-52474:333.

9002230287 Monthly operating repts for Jan 1990 for South Texas Project Electric Generating Station Units 1 & 2. W/900214 ltr.  
KENT, A.P., MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/31. 14pp. 52701:192-52701:205.

#### S. Reportable occurrences, LERs & related correspondence

9002010115 LER 89-023-00: on 891216, standby diesel generator 11 failed Tech Spec required operability test & attempt to secure essential chiller 12C resulted in trip. Caused by failure of voltage regulator. Regulator returned to mfg. W/900116 ltr.  
AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/01/16. 6pp. 52550:053-52550:058.

9002010178 LER 89-022-00: on 891205, discovered that ASME Section XI pressure test of Train C of component cooling water sys not performed prior to returning sys to svc. Sys inoperable from 890909-1205. Test control procedures revised. W/900119 ltr.  
VAUGHN, G.E., AYALA, C. Houston Lighting & Power Co. 90/01/19. 5pp. 52550:059-52550:063.

9002020263 LER 89-024-00: on 891226, required sample from safety injection accumulator 1C of boron concentration not taken. Caused by insufficient administrative controls to track surveillance tests. Bulletin will be issued. W/900125 ltr.  
AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/01/25. 6pp. 52536:051-52536:056.

9002130184 LER 90-002-00: on 900103, redundant solenoid valve which actuates Train C feedwater valve failed. Caused by excessive particulate buildup. Solenoids cleaned & hydraulic oil flushed & filtered to remove particulate. W/900202 ltr.  
AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/02/02. 6pp. 52654:043-52654:048.

9002140052 LER 89-023-01: on 891216, standby diesel generator 11 failed Tech Spec required operability test & declared inoperable. Caused by contact oxidation & low contact pressure. Chiller auxiliary relay cleaned & adjusted. W/900202 ltr.  
AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/02/02. 6pp. 52654:049-52654:054.

9002230025 LER 90-001-00: on 900103, containment ventilation isolation occurred due to loss of power to radiation monitor actuation relay. Caused by technician lifting power lead. Technicians trained & counseled. W/900216 ltr.  
AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/02/16. 6pp. 52713:111-52713:116.

#### DOCKET STN-50-499 SOUTH TEXAS PROJECT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9001300227 Forwards response to violations noted in Insp Repts 50-498/89-39 & 50-499/89-39. Response withheld.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52490:068-52490:069.

9002120152 Revised EPIPs, including Rev 17 to Page 47 of OPGP03-ZA-0002, & Rev 8 to Page 19 of OPGP03-ZA-0003. W/900129 ltr.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/29. 10pp. 52627:168-52627:177.

9002060042 Forwards comparison of intrusion detection sys proposed for various physical security upgrade. Encl withheld (10CFR73.21).  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/31. Document Control Branch (Document Control Desk). 2pp. 52555:267-52555:268.

9002090180 Forwards Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08. No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. HALL, D.P. Houston Lighting & Power Co. 4pp. 52626:315-52626:319.

9002090181 Partially withheld Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08 (ref 10CFR73.21). No violations or deviations noted. Major areas inspected: physical security program, including plans & procedures, mgt effectiveness & repts.  
EARNST, A.B. Region 4, Ofc of the Director. 90/01/19. 1p. 52626:319-52626:319.

9002230087 Advises that Rev 12 to util security personnel training & qualification plan consistent w/provisions of 10CFR50.54(p) & acceptable.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/06. HALL, D.P. Houston Lighting & Power Co. 4pp. 52714:235-52714:238.

#### G. Adjudicatory correspondence

9002130118 Order CLI-90-01.\* Denies J Corder motion for protective order staying enforcement of NRC 891201 subpoena on basis that no reason exists to delay Corder compliance w/subpoena. W/Certificate of Svc. Served on 900209. Re-served on 900212.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9815. 90/02/08. Corder, J. 7pp. 52607:001-52607:007.

#### P. Operating license stage documents & correspondence

9002010056 Forwards Rev 2 to "Unit 2 Pump & Valve Inservice Test Plan." Stroke time criteria incorporated into rev.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52523:072-52523:194.

9002010057 Rev 2 to, "Unit 2 Pump & Valve Inservice Test Plan."  
POST, B.E., JORDAN, J.J. Houston Lighting & Power Co. 90/01/08. 121pp. 52523:074-52523:194.

9002020181 Forwards info requested by Sandia during 891128-30 plant visit re Class 1E battery chargers. W/two oversize drawings.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/25. Document Control Branch (Document Control Desk). 8pp. 52532:093-52532:100.

9002070293 Advises that 891212 Rev 0 to QA program meets requirements of 10CFR50, App B & acceptable.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/01/29. HALL, D.P. Houston Lighting & Power Co. 4pp. 52587:345-52587:348.

9002080124 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Three bays of essential cooling water intake structure will be inspected once every 18 months for macroscopic biological fouling organisms.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/01/29. Document Control Branch (Document Control Desk). 11pp. 52594:287-52594:297.

## 166 DOCKETED ITEMS

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002120111** Application for amendments to Licenses NPF-76 & NPR-80, revising Tech Specs to extend allowed outage times & surveillance test intervals based on PRA of current tech Specs. VAUGHN, G.E. Houston Lighting & Power Co. 90/02/01. Document Control Branch (Document Control Desk). 12pp. 52616:107-52617:020.

**9002120114** Proposed Tech Specs, extending allowed outage times & surveillance test intervals based on PRA of current Tech Specs. \* Houston Lighting & Power Co. 90/02/01. 262pp. 52616:119-52617:020.

**9002150247** Forwards updated schedule of responses to NRC Generic Ltrs 83-28, 88-17, 88-20, 89-05, 89-06, 89-07, 89-08, 89-10, 89-12, 89-13, 89-17, 89-19 & 89-21 & Bulletins 88-001, 88-008, 88-010, 88-011, 89-001, 89-002, 89-003, 88-008, Suppl 1 & 88-010, Suppl 1. MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/07. Document Control Branch (Document Control Desk). 5pp. 52675:198-52675:202.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed. BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001310218** Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling...." Plant has no safety-related valves subj to bulletin. VAUGHN, G.E. Houston Lighting & Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:187-52503:189.

**9002050011** Forwards Insp Repts 50-498/89-47 & 50-499/89-47 on 891201-31 & notice of violation. NRC concerned re violation due to example of inattention to nonsafety-related equipment impacting safety-related function. Util response requested. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/23. HALL, D.P. Houston Lighting & Power Co. 4pp. 52542:100-52542:123.

**9002050012** Notice of violation from insp on 891201-31. Violation noted: no written procedures established to verify calibr accuracy of heat trace control circuits needed to accomplish Tech Spec Surveillance Requirements 4.1.2.1.a. \* Region 4, Ofc of the Director. 90/01/23. 1p. 52542:104-52542:104.

**9002050014** Insp Repts 50-498/89-47 & 50-499/89-47 on 891201-31. Violations noted. Major areas inspected: plant status, onsite followup of events at operating power reactor, ESF sys walkdown & monthly surveillance & maint observations. HOLLER, E.J. Region 4, Ofc of the Director. 90/01/22. 19pp. 52542:105-52542:123.

**9001300227** Forwards response to violations noted in Insp Repts 50-498/89-39 & 50-499/89-39. Response withheld. VAUGHN, G.E. Houston Lighting & Power Co. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52490:068-52490:069.

**9001310102** Provides addl info re surge line stratification at facility, per NRC Bulletin 88-011.W/exception of one heatup cycle, stratification observed in surge line determined to be within bounds of WCAP-12087 Rev 1. ROSEN, S.L. Houston Lighting & Power Co. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52514:054-52514:058.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9002070185** Ack receipt of 891201 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-498/89-25 & 50-499/89-25. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/31. HALL, D.P. Houston Lighting & Power Co. 4pp. 52571:208-52571:217.

**9002080013** Forwards Insp Repts 50-498/89-46 & 50-499/89-46 on 891129-1222. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/01/31. HALL, D.P. Houston Lighting & Power Co. 4pp. 52594:083-52594:094.

**9002080014** Insp Repts 50-498/89-46 & 50-499/89-46 on 891129-1222. No violations or deviations noted. Major areas inspected: licensee action taken in response to 891128 failure of Standby Diesel 22. GARRISON, D.L., BARNES, J. Region 4, Ofc of the Director. 90/01/26. 8pp. 52594:087-52594:094.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

**9002090180** Forwards Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/01. HALL, D.P. Houston Lighting & Power Co. 4pp. 52626:315-52626:319.

**9002090181** Partially withheld Insp Repts 50-498/89-45 & 50-499/89-45 on 891204-08 (ref 10CFR73.21). No violations or deviations noted. Major areas inspected: physical security program, including plans & procedures, mgt effectiveness & repts. EARNEST, A.B., POWERS, D.A. Region 4, Ofc of the Director. 90/01/19. 1p. 52626:319-52626:319.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002150247** Forwards updated schedule of responses to NRC Generic Ltrs 83-28, 88-17, 88-20, 89-05, 89-06, 89-07, 89-08, 89-10, 89-12, 89-13, 89-17, 89-19 & 89-21 & Bulletins 88-001, 88-008, 88-010, 88-011, 89-001, 89-002, 89-003, 88-008, Suppl 1 & 88-010, Suppl 1. MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/07. Document Control Branch (Document Control Desk). 5pp. 52675:198-52675:202.

**9002230016** Responds to NRC IE Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Util incl. that sufficient precautions will be in place to ensure against loss of required shutdown margin. ROSEN, S.L. Houston Lighting & Power Co. 90/02/16. Document Control Branch (Document Control Desk). 5pp. 52702:275-52702:279.

### R. Periodic operating reports & related correspondence

**9001300319** Monthly operating repts for Dec 1989 for South Texas Generating Station, Units 1 & 2.W/900115 ltr. KENT, A.P., MCBURNETT, M.A. Houston Lighting & Power Co. 89/12/31. 14pp. 52474:320-52474:333.

**9002230287** Monthly operating repts for Jan 1990 for South Texas Project Electric Generating Station, Units 1 & 2.W/900214 ltr. KENT, A.P., MCBURNETT, M.A. Houston Lighting & Power Co. 90/01/31. 14pp. 52701:192-52701:205.

### S. Reportable occurrences, LERs & related correspondence

**9002220298** PNO-IV-90-006: on 900202, reactor trip occurred when Train S breaker opened. Cause under investigation. Train reactor trip breakers replaced. State of TX informed. HOLLER, E. Region 4, Ofc of the Director. 90/02/02. 2pp. 52695:289-52695:290.

**9002230059** LER 90-001-00: on 900108, Train S low steam line pressure blocking switch placed in blocked position, causing actuation of safety injection & ESF sys. Caused by lack of instructions. Training program modified. W/900212 ltr. AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/02/12. 5pp. 52712:344-52712:348.

### DOCKET STN-50-508 WPPSS NUCLEAR PROJECT, UNIT 3

#### A. Application/construction stage documents & correspondence

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

#### I. Financial information

**9002060001** "WPPSS 1989 Annual Rept." W/900129 ltr. HALVORSON, C.M., MAZUR, D.W., SORENSEN, G.C. Washington Public Power Supply System. 89/12/31. 40pp. 52556:327-52557:005.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

9001290102 Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

9001300424 NRC Info Notice 90-009, "Extended Interim Storage of Low Level Rad-waste by Fuel Cycle & Matls Licensees." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

#### DOCKET STN-50-528 PALO VERDE NUCLEAR STATION, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9002150145 Forwards objectives & extent of play for 1990 annual emergency plan exercise scheduled for 900425.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 10pp. 52656:346-52656:355.

9002220137 Forwards objectives & extent of play for 1990 annual emergency plan exercise scheduled for 900425.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. MARTIN,J.B. Region 5, Ofc of the Director. 10pp., 52671:053-52671:062.

9002150184 Forwards revised security plan implementing procedures for plant.Encl withheld (ref 10CFR73.21 & 2.790(d)).  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/28. NORDERHAUG,L.R. Region 5, Ofc of the Director. 1p. 52656:182-52656:182.

9002080318 Advises that 891229 response to SALP Repts 50-528/89-48, 50-529/89-48 & 50-530/89-48, acceptable.NRC corrected Tables 1 & 2 of initial rept re radiological controls & emergency preparedness.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/01/30. CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 5pp. 52608:196-52608:318.

9002150207 Forwards safety evaluation approving fire protection program deviations,per util 890830 request for deviation from 10CFR50,Section III.G.2,App R.  
CHAN,T.L. Project Directorate V. 90/01/30. CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52656:189-52656:193.

-9002150211 Safety evaluation supporting util 890830 request for deviation from 10CFR50,Section III.G.2,App R re fire protection.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 2pp. 52656:192-52656:193.

9002220027 Forwards Security Insp Repts 50-528/89-52,50-529/89-52 & 50-530/89-52 on 891209-900108 & notice of violation.Notice of violation & insp repts withheld (ref 10CFR2.790).Areas inspected:physical protection.  
PATE,R.J. Region 5, Ofc of the Director. 90/02/05. CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52673:259-52673:261.

9002220726 Forwards info on surveillance of grout seals & spare conduit threaded plugs in fire-rated assemblies as discussed w/D Kubicki on 891006 & 19.Utl intends to perform insp of penetrations sealed by grout as part of fire barrier insp.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52683:327-52683:328.

##### J. Insurance & Indemnity Information

9002220735 Forwards listed endorsements to NELIA & MAELU policies, including Endorsements 15 to NELIA & MAELU Policies N-88, M-88,N-114 & M-114,respectively re secondary financial protection.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/06. Document Control Branch (Document Control Desk). 12pp. 52683:159-52683:170.

##### P. Operating license stage documents & correspondence

9002150106 Forwards corrected restart list,reflecting actual commitment as stated in steam bypass control sys overall final rept,dtd 890506,Page 8.Seventy-two action items noted as closed.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/11. MARTIN,J.B. Region 5, Ofc of the Director. 69pp. 52677:198-52677:274.

9001290197 Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets.Suggested considerations for program attribute definition & training needs for sys engineers listed.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

9002010374 Advises that proprietary CEN-390 (V)-P, "Palo Verde Nuclear Generating Station Unit 1,End-of-Cycle 2 Fuel Exam Rept," contains trade secrets or proprietary commercial info & will be withheld from public disclosure per 10CFR2.790(b)(5).  
CHAN,T.L. Project Directorate V. 90/01/19. SCHERER,A.E. Combustion Engineering, Inc. 4pp. 52523:046-52523:049.

9002050211 Forwards technical justification to assure NRC that facility design has included features required by Generic Ltr 89-19.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/22. Document Control Branch (Document Control Desk). 6pp. 52547:214-52547:218.

9002050389 Forwards rev to Section 3 of Cycle 3 reload analysis rept. Rev reflects replacement of eight new fuel assemblies.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 6pp. 52541:315-52541:320.

-9002050425 Rev to Section 3 of reload analysis rept.  
\* Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. 4pp. 52541:317-52541:320.

9002080011 Confirms 900112 telcon re erosion/corrosion-induced pipe wall thinning,per Generic Ltr 89-08.Insp program for erosion/corrosion-induced pipe wall thinning developed & approved & expected to achieve full approval by 900131.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 1p. 52608:345-52608:345.

9002060145 Provides status of recommended actions in response to NRC Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety- Related Equipment." Spray pond sys monitored for flow & HX pressure on monthly basis.  
BAILEY,J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 7pp. 52569:023-52569:029.

9002080060 Forwards addl info re seismic adequacy of nylon cable ties at plant,per 890826 telcon.Nylon cable ties not utilized inside containment bldg on safety-related cables but used in auxiliary,control & fuel bldgs.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52609:116-52609:119.

9001290051 Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

9002220583 Forwards Amends 46,33 & 21 to Licenses NPF-41,NPF-51 & NPF-74,respectively & safety evaluation.Amends change Tech Specs Section 3/4.3.1 to add new action statement for excore log power & RPS matrix logic channels.  
CHAN,T.L. Project Directorate V. 90/02/13. CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52678:336-52678:358.

-9002220588 Amends 46,33 & 21 to Licenses NPF-41,NPF-51 & NPF-74, respectively,changing Tech Spec 3/4.3.1 to add new action statement for excore log power & RPS matrix logic channels.  
TRAMMELL,C.M. Project Directorate V. 90/02/13. 18pp. 52678:339-52678:356.

-9002220590 Safety evaluation supporting Amends 46,33 & 21 to Licenses NPF-41,NPF-51 & NPF-74,respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. 2pp. 52678:357-52678:358.

##### Q. Inspection reports, IE Bulletins & correspondence

9001300498 Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable.Lead engineers for IE Bulletins 84-02,80-06 & 87-002 reassigned as listed.  
BERLINGER,C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY,R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

9001300258 Forwards supplemental info per commitment in util 891121 response to violation noted in Insp Repts 50-528/89-36, 50-529/89-36 & 50-530/89-36,consisting of schedule of short-term & long-term actions to be implemented.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52466:104-52466:105.

9002140006 Forwards Insp Repts 50-528/89-50,50-529/89-50 & 50-530/89-50 on 891113-1217 & notice of violation.Events demonstrate need to improve communications between mgt levels to assure prompt & complete resolution of issues.  
ZIMMERMAN,R. Region 5, Ofc of the Director. 90/01/23. CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 2pp. 52655:302-52655:333.

-9002140010 Notice of violation from Insp on 891113-1217.Violation noted:failure to properly document completion of steps of procedure & issuance of directions for core reload which contained error.  
ZIMMERMAN,R. Region 5, Ofc of the Director. 90/01/22. 2pp. 52655:304-52655:305.

-9002140011 Insp Repts 50-528/89-50,50-529/89-50 & 50-530/89-50 on 891113-1217.Violations noted.Major areas inspected:ESF sys walkdowns,plant activities,previously identified items, monthly surveillance testing & monthly plant maint.  
WONG,H. Region 5, Ofc of the Director. 90/01/19. 28pp. 52655:306-52655:333.

9002080011 Confirms 900112 telcon re erosion/corrosion-induced pipe wall thinning,per Generic Ltr 89-08.Insp program for erosion/corrosion-induced pipe wall thinning developed & approved & expected to achieve full approval by 900131.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 1p. 52608:345-52608:345.

9002060122 Provides status of actions requested in response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Fuel loading procedures for Units 2 & 3 will be revised prior to next outage.  
BAILEY,J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52556:234-52556:237.

9001230126 NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

9001230175 NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

## 168 DOCKETED ITEMS

**9002080318** Advises that 891229 response to SALP Repts 50-528/89-48, 50-529/89-48 & 50-530/89-48, acceptable. NRC corrected Tables 1 & 2 of initial rept re radiological controls & emergency preparedness. MARTIN, J.B. Region 5, Ofc of the Director. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 5pp. 52608:196-52608:318.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220027** Forwards Security Insp Repts 50-528/89-52, 50-529/89-52 & 50-530/89-52 on 891209-900108 & notice of violation. Notice of violation & insp repts withheld (ref 10CFR2.790). Areas inspected: physical protection. PATE, R.J. Region 5, Ofc of the Director. 90/02/05. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52673:259-52673:261.

**9002220726** Forwards info on surveillance of grout seals & spare conduit threaded plugs in fire-rated assemblies as discussed w/D Kubicki on 891006 & 19. Util intends to perform insp of penetrations sealed by grout as part of fire barrier insp. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52683:327-52683:328.

### R. Periodic operating reports & related correspondence

**9002220245** Monthly operating repts for Jan 1990 for Palo Verde Nuclear Generating Station Units 1, 2 & 3. W/900214 ltr. PORTER, K.F., LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/31. 16pp. 52701:001-52701:016.

### S. Reportable occurrences, LERs & related correspondence

**9002020245** Special Rept 1-SF-88-008-01: on 881014, loose parts detection sys channel 5 declared inoperable due to repeated spurious alarms & not returned to operable status within 30 days. Alarm setpoint will be reset & channel returned to svc. LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/20. Document Control Branch (Document Control Desk). 3pp. 52539:269-52539:271.

**9002120158** LER 89-007-02: on 890412, discovered two of four pressurizer code safety valves out of Tech Spec tolerance of 2,500 psia plus or minus 1%. Caused by performance limitation. Valves adjusted & retested satisfactorily. W/900128 ltr. BRADISH, T.R., LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/28. 6pp. 52635:095-52635:100.

**9002120182** LER 89-020-01: on 890907, emergency diesel generator B, essential spray pond pump B & essential cooling water pump B started during removal of jumpers. Caused by personnel error. Maint procedure revised. W/900131 ltr. BRADISH, T.R., LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/31. 8pp. 52635:130-52635:137.

**9002230255** LER 89-021-01: on 891106 & 09, discovered that locked high radiation area gate open & unguarded, contrary to Tech Spec 6.12.2 requirements. Caused by personnel error. Gates secured & add'l locking mechanisms installed on doors. W/900208 ltr. BRADISH, T.R., LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/08. 9pp. 52713:170-52713:178.

### V. Operator Examinations

**9002150126** Certifies that BJ Rash completed final 120 h of plant operation, under training, at power levels of at least 20% as requested in 890921 senior reactor operator waiver request. LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/10/25. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52656:168-52656:169.

**9002150195** Advises of expiration of DG Marks senior operator license. Present employment w/util does not require maint of operator license. LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/10/26. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52656:206-52656:206.

**9002150093** Forwards approved ref matl for use in administering initial operator & re-qualification retake simulator exams on 900320 & 21, per 891220 request. Suggested crews to support exams & minimize impact on operations shift schedules also encl. LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/19. MARTIN, J.B. Region 5, Ofc of the Director. 9pp. 52675:238-52675:246.

**9002150150** Requests that listed candidates take generic fundamentals exam section of 900207 operator licensing exam. M. Colvin repeating fundamentals section of exam previously administered in Aug 1989 to upgrade current license. LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52656:162-52656:163.

**9002150138** Forwards info re plant licensed operator requalification program & status of corrective actions, per NRC 891222 ltr. LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/02. MARTIN, J.B. Region 5, Ofc of the Director. 10pp. 52677:059-52677:068.

## DOCKET STN-50-529 PALO VERDE NUCLEAR STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

**9002150145** Forwards objectives & extent of play for 1990 annual emergency plan exercise scheduled for 900425. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 10pp. 52656:346-52656:355.

**9002220137** Forwards objectives & extent of play for 1990 annual emergency plan exercise scheduled for 900425. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. MARTIN, J.B. Region 5, Ofc of the Director. 10pp. 52671:053-52671:062.

**9002150184** Forwards revised security plan implementing procedures for plant. Encl withheld (ref 10CFR73.21 & 2.790(d)). CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/29. NORDERHAUG, L.R. Region 5, Ofc of the Director. 1p. 52656:182-52656:182.

**9002080318** Advises that 891229 response to SALP Repts 50-528/89-48, 50-529/89-48 & 50-530/89-48, acceptable. NRC corrected Tables 1 & 2 of initial rept re radiological controls & emergency preparedness. MARTIN, J.B. Region 5, Ofc of the Director. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 5pp. 52608:196-52608:318.

**9002150207** Forwards safety evaluation approving fire protection program deviations, per util 890830 request for deviation from 10CFR50, Section III.G.2, App R. CHAN, T.L. Project Directorate V. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52656:189-52656:193.

**-9002150211** Safety evaluation supporting util 890830 request for deviation from 10CFR50, Section III.G.2, App R re fire protection. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 2pp. 52656:192-52656:193.

**9002220027** Forwards Security Insp Repts 50-528/89-52, 50-529/89-52 & 50-530/89-52 on 891209-900108 & notice of violation. Notice of violation & insp repts withheld (ref 10CFR2.790). Areas inspected: physical protection. PATE, R.J. Region 5, Ofc of the Director. 90/02/05. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52673:259-52673:261.

**9002220726** Forwards info on surveillance of grout seals & spare conduit threaded plugs in fire-rated assemblies as discussed w/D Kubicki on 891006 & 19. Util intends to perform insp of penetrations sealed by grout as part of fire barrier insp. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52683:327-52683:328.

### J. Insurance & indemnity information

**9002220735** Forwards listed endorsements to NELIA & MAELU policies, including Endorsements 15 to NELIA & MAELU Policies N-88, M-88, N-114 & M-114, respectively re secondary financial protection. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/06. Document Control Branch (Document Control Desk). 12pp. 52683:159-52683:170.

### P. Operating license stage documents & correspondence

**9002150106** Forwards corrected restart list, reflecting actual commitment as stated in steam bypass control sys overall final rept, dtd 890506, Page 8. Seventy-two action items noted as closed. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/11. MARTIN, J.B. Region 5, Ofc of the Director. 69pp. 52677:198-52677:274.

**9001290197** Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets. Suggested considerations for program attribute definition & training needs for sys engineers listed. KIRSCH, D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

**9001290105** Forwards revised Tech Spec Page 3/4 3-17, inadvertently omitted from Amend 30 to License NPF-51, issued on 891222. Amend granted one-time extension of certain surveillances from 18-month surveillance requirement until next outage. CHAN, T.L. Project Directorate V. 90/01/19. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52453:251-52453:255.

**-9001290106** Revised Tech Spec Pages 3/4 3-17 & 3-18 to Amend 30 to License NPF-51 re limiting condition for operation & surveillance requirements for ESFAS instrumentation. \* NRC - No Detailed Affiliation Given. 90/01/19. 2pp. 52453:254-52453:255.

**9002050211** Forwards technical justification to assure NRC that facility design has included features required by Generic Ltr 89-19. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/22. Document Control Branch (Document Control Desk). 6pp. 52547:214-52547:219.

**9002080011** Confirms 900112 telcon re erosion/corrosion-induced pipe wall thinning, per Generic Ltr 89-08. Insp program for erosion/corrosion-induced pipe wall thinning developed & approved & expected to achieve full approval by 900131. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 1p. 52608:345-52608:345.

**9002060145** Provides status of recommended actions in response to NRC Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Spray pond sys monitored for flow & HX pressure on monthly basis. BAILEY, J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 7pp. 52569:023-52569:029.



**9002080060** Forwards addl info re seismic adequacy of nylon cable ties at plant, per 890926 telcon. Nylon cable ties not utilized inside containment bldg on safety-related cables but used in auxiliary, control & fuel bldgs.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52608:116-52609:119.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002140065** Forwards Amend 32 to License NPF-51 & safety evaluation. Amend revises Surveillance Requirement 4.1.3.12 re movable control assemblies.  
CHAN, T.L. Project Directorate V. 90/02/02. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52655:202-52655:216.

**-9002140066** Amend 32 to License NPF-51, changing Tech Spec 4.1.3.12 re movable control assemblies.  
TRAMMELL, C.M. Project Directorate V. 90/02/02. 5pp. 52655:205-52655:208.

**-9002140070** Safety evaluation supporting Amend 32 to License NPF-51.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 8pp. 52655:209-52655:216.

**9002220583** Forwards Amends 46,33 & 21 to Licenses NPF-41, NPF-51 & NPF-74, respectively & safety evaluation. Amends change Tech Specs Section 3/4.3.1 to add new action statement for excore log power & RPS matrix logic channels.  
CHAN, T.L. Project Directorate V. 90/02/13. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52678:336-52678:358.

**-9002220588** Amends 46,33 & 21 to Licenses NPF-41, NPF-51 & NPF-74, respectively, changing Tech Spec 3/4.3.1 to add new action statement for excore log power & RPS matrix logic channels.  
TRAMMELL, C.M. Project Directorate V. 90/02/13. 18pp. 52678:339-52678:356.

**-9002220590** Safety evaluation supporting Amends 46,33 & 21 to Licenses NPF-41, NPF-51 & NPF-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. 2pp. 52678:357-52678:358.

#### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300258** Forwards supplemental info per commitment in util 891121 response to violation noted in Insp Repts 50-528/89-36, 50-529/89-36 & 50-530/89-36, consisting of schedule of short-term & long-term actions to be implemented.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52466:104-52466:105.

**9002140006** Forwards Insp Repts 50-528/89-50, 50-529/89-50 & 50-530/89-50 on 891113-1217 & notice of violation. Events demonstrate need to improve communications between mgt levels to assure prompt & complete resolution of issues.  
ZIMMERMAN, R. Region 5, Ofc of the Director. 90/01/23. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 2pp. 52655:302-52655:333.

**-9002140011** Insp Repts 50-528/89-50, 50-529/89-50 & 50-530/89-50 on 891113-1217. Violations noted. Major areas inspected: ESF sys walkdowns, plant activities, previously identified items, monthly surveillance testing & monthly plant maint.  
WONG, H. Region 5, Ofc of the Director. 90/01/19. 28pp. 52655:306-52655:333.

**9002080011** Confirms 900112 telcon re erosion/corrosion-induced pipe wall thinning, per Generic Ltr 89-08. Insp program for erosion/corrosion-induced pipe wall thinning developed & approved & expected to achieve full approval by 900131.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 1p. 52608:345-52608:345.

**9002060122** Provides status of actions requested in response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Fuel loading procedures for Units 2 & 3 will be revised prior to next outage.  
BAILEY, J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52556:234-52556:237.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9002080318** Advises that 891229 response to SALP Repts 50-528/89-48, 50-529/89-48 & 50-530/89-48, acceptable. NRC corrected Tables 1 & 2 of initial rept re radiological controls & emergency preparedness.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 5pp. 52608:196-52608:318.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:258.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220027** Forwards Security Insp Repts 50-528/89-52, 50-529/89-52 & 50-530/89-52 on 891209-900108 & notice of violation. Notice of violation & insp repts withheld (ref 10CFR2.790). Areas inspected: physical protection.  
PATE, R.J. Region 5, Ofc of the Director. 90/02/05. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52673:259-52673:261.

**9002220726** Forwards info on surveillance of grout seals & spare conduit threaded plugs in fire-rated assemblies as discussed w/D Kubicki on 891006 & 19. Util intends to perform insps of penetrations sealed by grout as part of fire barrier insp.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52683:327-52683:328.

#### R. Periodic operating reports & related correspondence

**9002220245** Monthly operating repts for Jan 1990 for Palo Verde Nuclear Generating Station Units 1, 2 & 3. W/900214 ltr.  
PORTER, K.F., LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/31. 16pp. 52701:001-52701:016.

#### S. Reportable occurrences, LERs & related correspondence

**9002020236** LER 88-015-02: on 881207, new fuel radiation area monitor RU-19 discovered inoperable. On 891204, radiation surveys of area adjacent to new fuel storage racks not performed. Caused by malfunction in monitor clock. W/900121 ltr.  
BRADISH, T.R., LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/21. 7pp. 52536:031-52536:037.

**9002080133** Supplemental Special Rept 2-SR-89-007: on 890929, radioactive gaseous effluent monitors declared inoperable due to frequent low flow alarms. Monitors returned to operable status on 891002, violating 72 h limit.  
LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/29. Document Control Branch (Document Control Desk). 2pp. 52609:086-52609:087.

#### V. Operator Examinations

**9002150126** Certifies that BJ Rash completed final 120 h of plant operation, under training, at power levels of at least 20% as requested in 890921 senior reactor operator waiver request.  
LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/10/25. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52656:168-52656:169.

**9002150195** Advises of expiration of DG Marks senior operator license. Present employment w/util does not require maint of operator license.  
LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/10/26. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52656:206-52656:206.

**9002150093** Forwards approved ref matl for use in administering initial operator & re-qualification retake simulator exams on 900320 & 21, per 891220 request. Suggested crews to support exams & minimize impact on operations shift schedules also encl.  
LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/19. MARTIN, J.B. Region 5, Ofc of the Director. 9pp. 52675:238-52675:246.

**9002150150** Requests that listed candidates take generic fundamentals exam section of 900207 operator licensing exam. M Colvin repeating fundamentals section of exam previously administered in Aug 1989 to upgrade current license.  
LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52656:162-52656:163.

**9002150138** Forwards info re plant licensed operator requalification program & status of corrective actions, per NRC 891222 ltr.  
LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/02. MARTIN, J.B. Region 5, Ofc of the Director. 10pp. 52677:059-52677:068.

#### DOCKET STN-50-530 PALO VERDE NUCLEAR STATION, UNIT 3

#### F. Security, medical, emergency & fire protection plans

**9002150145** Forwards objectives & extent of play for 1990 annual emergency plan exercise scheduled for 900425.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 10pp. 52656:346-52656:355.

**9002220137** Forwards objectives & extent of play for 1990 annual emergency plan exercise scheduled for 900425.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. MARTIN, J.B. Region 5, Ofc of the Director. 10pp. 52671:053

**9002150184** Forwards revised security plan implementing procedures -- withheld (ref 10CFR73.21 & 2.790(d)).  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/29. NORDERHAUG, L.R. Region 5, Ofc of the Director. 52656:182.

## 170 DOCKETED ITEMS

**9002080318** Advises that 891229 response to SALP Repts 50-528/89-48, 50-529/89-48 & 50-530/89-48, acceptable. NRC corrected Tables 1 & 2 of initial rept re radiological controls & emergency preparedness.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 5pp. 52608:196-52608:318.

**9002150207** Forwards safety evaluation approving fire protection program deviations, per util 890830 request for deviation from 10CFR50, Section III.G.2, App R.  
CHAN, T.L. Project Directorate V. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52656:189-52656:193.

**-9002150211** Safety evaluation supporting util 890830 request for deviation from 10CFR50, Section III.G.2, App R re fire protection.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/30. 2pp. 52656:192-52656:193.

**9002200207** Forwards Security Insp Repts 50-528/89-52, 50-529/89-52 & 50-530/89-52 on 891209-900108 & notice of violation. Notice of violation & insp repts withheld (ref 10CFR2.790). Areas inspected: physical protection.  
PATE, R.J. Region 5, Ofc of the Director. 90/02/05. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52673:259-52673:261.

**9002220726** Forwards info on surveillance of grout seals & spare conduit threaded plugs in fire-rated assemblies as discussed w/D Kubicki on 891006 & 19. Util intends to perform insp of penetrations sealed by grout as part of fire barrier insp.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52683:327-52683:328.

### J. Insurance & Indemnity Information

**9002220735** Forwards listed endorsements to NELIA & MAELU policies, including Endorsements 15 to NELIA & MAELU Policies N-88, M-88, N-114 & M-114, respectively re secondary financial protection.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/06. Document Control Branch (Document Control Desk). 12pp. 52683:159-52683:170.

### P. Operating license stage documents & correspondence

**9001290244** Confirms compliance w/agreed upon course of action for restart of plant & completion of items contained in restart list, per 890628 & 0807 ltrs. Formal Unit 3 restart oversight program implemented. Unit ready for restart.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/12/24. MARTIN, J.B. Region 5, Ofc of the Director. 3pp. 52472:354-52472:356.

**9002150106** Forwards corrected restart list, reflecting actual commitment as stated in steam bypass control sys overall final rept, dtd 890506, Page 8. Seventy-two action items noted as closed.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/11. MARTIN, J.B. Region 5, Ofc of the Director. 6pp. 52677:198-52677:274.

**9001290197** Forwards, "Sys Engineering," for licensee personnel w/ responsibility re listed dockets. Suggested considerations for program attribute definition & training needs for sys engineers listed.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/01/17. Region 5, Ofc of the Director. 5pp. 52453:261-52453:265.

**9002050211** Forwards technical justification to assure NRC that facility design has included features required by Generic Ltr 89-19.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/22. Document Control Branch (Document Control Desk). 6pp. 52547:214-52547:219.

**9002150029** Forwards joint engineering evaluations/nuclear engineering walkdown repts, per 891201 mgt.  
BAILEY, J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/22. MARTIN, J.B. Region 5, Ofc of the Director. 19pp. 52675:179-52675:197.

**9002080011** Confirms 900112 telcon re erosion/corrosion-induced pipe wall thinning, per Generic Ltr 89-08. Insp program for erosion/corrosion-induced pipe wall thinning developed & approved & expected to achieve full approval by 900131.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 1p. 52608:345-52608:345.

**9002060145** Provides status of recommended actions in response to NRC Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Spray pond sys monitored for flow & HX pressure on monthly basis.  
BAILEY, J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 7pp. 52569:023-52569:029.

**9002080060** Forwards addl info re seismic adequacy of nylon cable ties at plant, per 890926 telcon. Nylon cable ties not utilized inside containment bldg on safety-related cables but used in auxiliary control & fuel bldgs.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52608:116-52608:119.

**9001290051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs. Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**9002220583** Forwards Amends 46,33 & 21 to Licenses NPF-41, NPF-51 & NPF-74, respectively & safety evaluation. Amends change Tech Specs Section 3/4.3.1 to add new action statement for excise log power & RPS matrix logic channels.  
CHAN, T.L. Project Directorate V. 90/02/13. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52678:336-52678:358.

**-9002220588** Amends 46,33 & 21 to Licenses NPF-41, NPF-51 & NPF-74, respectively, changing Tech Spec 3/4.3.1 to add new action statement for excise log power & RPS matrix logic channels.  
TRAMMELL, C.M. Project Directorate V. 90/02/13. 18pp. 52678:339-52678:358.

**-9002220590** Safety evaluation supporting Amends 46,33 & 21 to Licenses NPF-41, NPF-51 & NPF-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. 2pp. 52678:357-52678:358.

### Q. Inspection reports, IE Bulletins & correspondence

**9001300498** Advises that draft final rept for closeout of IE Bulletin 79-23 found acceptable. Lead engineers for IE Bulletins 84-02, 80-06 & 87-002 reassigned as listed.  
BERLINGER, C.H. Generic Communications Branch. NRC-05-85-157. 90/01/17. LOFY, R.A. PARAMETER, Inc. 3pp. 52513:256-52513:258.

**9001300258** Forwards supplemental info per commitment in util 891121 response to violation noted in Insp Repts 50-528/89-36, 50-529/89-36 & 50-530/89-36, consisting of schedule of short-term & long-term actions to be implemented.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52466:104-52466:105.

**9002140006** Forwards Insp Repts 50-528/89-50, 50-529/89-50 & 50-530/89-50 on 891113:1217 & notice of violation. Events demonstrate need to improve communications between mgt levels to assure prompt & complete resolution of issues.  
ZIMMERMAN, R. Region 5, Ofc of the Director. 90/01/23. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 2pp. 52655:302-52655:333.

**-9002140011** Insp Repts 50-528/89-50, 50-529/89-50 & 50-530/89-50 on 891113:1217. Violations noted. Major areas inspected: ESF sys walkdowns, plant activities, previously identified items, monthly surveillance testing & monthly plant maint.  
WONG, H. Region 5, Ofc of the Director. 90/01/19. 28pp. 52655:306-52655:333.

**9002080011** Confirms 900112 telcon re erosion/corrosion-induced pipe wall thinning, per Generic Ltr 89-08. Insp program for erosion/corrosion-induced pipe wall thinning developed & approved & expected to achieve full approval by 900131.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. Document Control Branch (Document Control Desk). 1p. 52608:345-52608:345.

**9002060122** Provides status of actions requested in response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations." Fuel loading procedures for Units 2 & 3 will be revised prior to next outage.  
BAILEY, J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/26. Document Control Branch (Document Control Desk). 4pp. 52556:234-52556:237.

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 95pp. 52535:228-52535:329.

**9002080318** Advises that 891229 response to SALP Repts 50-528/89-48, 50-529/89-48 & 50-530/89-48, acceptable. NRC corrected Tables 1 & 2 of initial rept re radiological controls & emergency preparedness.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/01/30. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 5pp. 52608:196-52608:318.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52533:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matl Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9002220027** Forwards Security Insp Repts 50-528/89-52, 50-529/89-52 & 50-530/89-52 on 891209-900108 & notice of violation. Notice of violation & insp repts withheld (ref 10CFR2.790). Areas inspected: physical protection.  
PATE, R.J. Region 5, Ofc of the Director. 90/02/05. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52673:259-52673:261.

**9002220726** Forwards info on surveillance of grout seals & spare conduit threaded plugs in fire-rated assemblies as discussed w/D Kubicki on 891006 & 19. Util intends to perform insp of penetrations sealed by grout as part of fire barrier insp.  
CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52683:327-52683:328.

**R. Periodic operating reports & related correspondence**

**9002220245** Monthly operating repts for Jan 1990 for Palo Verde Nuclear Generating Station Units 1,2 & 3.W/900214 ltr.  
PORTER,K.F., LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/31. 16pp. 52701:001-52701:016.

**S. Reportable occurrences, LERs & related correspondence**

**9002150017** LER 89-011-00:on 891206,discovered that quarterly ASME surveillance testing not performed on Train A air start sys check valve for Train B emergency diesel generator.Caused by insufficient procedural controls.W/900105 ltr.  
BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/05. 7pp. 52654:147-52654:153.

**9002120160** LER 89-009-02:on 890728,inadvertent fuel bldg essential ventilation ESF actuation signal initiated.Caused by personnel error.Malfunctioning control room essential ventilation sys Train B breaker replaced.W/900128 ltr.  
BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/28. 8pp. 52635:101-52635:108.

**9002120163** LER 89-001-03:on 890303,electrical grid disturbance resulted in main generator output breakers opening,resulting in reactor power cutback & steam bypass control sys actuation. Caused by malfunction in subj control sys.W/900129 ltr.  
BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/28. 16pp. 52635:109-52635:124.

**9002080142** LER 89-008-03:on 890630,maint personnel identified that sixth trip lever arm found on 10-ton fuel handling crane rail.Caused by personnel error.Crane trolley/hook moved from overspent fuel storage pool.Subj arm removed.W/900129 ltr.  
BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/28. 6pp. 52590:044-52590:049.

**9002160199** Special Rept 3-SR-90-001:on 900105,plant vent sys radioactive gaseous effluent low-range monitor RU-143 declared inoperable & remained out of svc for more than 72 h.Caused by anomaly in check source circuitry.  
LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/06. Document Control Branch (Document Control Desk). 4pp. 52658:185-52658:188.

**V. Operator Examinations**

**9002150126** Certifies that BJ Rash completed final 120 h of plant operation,under training,at power levels of at least 20% as requested in 890921 senior reactor operator waiver request.  
LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/10/25. MARTIN,J.B. Region 5, Ofc of the Director. 2pp. 52656:168-52656:169.

**9002150195** Advises of expiration of DG Marks senior operator license. Present employment w/util does not require maint of operator license.  
LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 89/10/26. MARTIN,J.B. Region 5, Ofc of the Director. 1p. 52656:206-52656:206.

**9002150093** Forwards approved ref matl for use in administering initial operator & re-qualification retake simulator exams on 900320 & 21,per 891220 request.Suggested crews to support exams & minimize impact on operations shift schedules also encl.  
LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/19. MARTIN,J.B. Region 5, Ofc of the Director. 9pp. 52675:238-52675:246.

**9002150150** Requests that listed candidates take generic fundamentals exam section of 900207 operator licensing exam.M Colvin repeating fundamentals section of exam previously administered in Aug 1989 to upgrade current license.  
LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/01/25. MARTIN,J.B. Region 5, Ofc of the Director. 2pp. 52656:162-52656:163.

**9002150138** Forwards info re plant licensed operator requalification program & status of corrective actions,per NRC 891222 ltr.  
LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/02/02. MARTIN,J.B. Region 5, Ofc of the Director. 10pp. 52677:059-52677:068.

**DOCKET 50-637 CLINCH RIVER BREEDER REACTOR****A. Application/construction stage documents & correspondence**

**9002190051** Generic Ltr 90-02 to all LWR licensees & applicants re alternative requirements for fuel assemblies in design features section of Tech Specs.Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 39pp. 52637:055-52637:093.

**DOCKET 50-602 UNIV. OF TEXAS RESEARCH REACTOR****A. Application/construction stage documents & correspondence**

**9002160076** Forwards order extending const completion date for Univ of Texas TRIGA Mark II research reactor from 891231 to 901231. Safety evaluation & FR notice of environ assessment & finding of no significant impact also encl.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/09. FONKEN,G.J. Texas, Univ. of, Austin, TX. 3pp. 52670:008-52670:017.

**-9002160080** Order extending const completion date for CPPR-123 from 891231 to 901231.Extension required due to addl time needed to complete corrective work,including testing & insp of some sys.  
HOLAHAN,G.M. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411). 90/02/09. Texas, Univ. of, Austin, TX. 2pp. 52670:011-52670:012.

**-9002160081** Safety evaluation supporting extension of const completion date for CPPR-123 from 891231 to 901231 due to termination of project general contractor on 881013 & to ensure adequate time to complete insp program by NRC.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/09. 2pp. 52670:013-52670:014.

**-9002160083** Environ assessment & finding of no significant impact re extension of const completion date from 891231 to 901231.  
WEISS,S.H. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/01. 3pp. 52670:015-52670:017.

**9002230501** Forwards revised Tech Specs to replace all previous Tech Specs submittals.  
BAUER,T.L. Texas, Univ. of, Austin, TX. 90/02/12. ADAMS,A. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52702:033-52702:089.

**-9002230509** Revised Tech Specs for Jan 1990.

\* Texas, Univ. of, Austin, TX. 90/02/12. 54pp. 52702:035-52702:089.

**F. Security, medical, emergency & fire protection plans**

**9001290236** Forwards Insp Rept 50-602/89-07 on 891213-14.No violations or deviations noted.  
BEACH,A.B. Region 4, Ofc of the Director. 90/01/11. WEHRING,B.W. Texas, Univ. of, Austin, TX. 2pp. 52467:114-52467:122.

**-9001290243** Partially withheld Insp Rept 50-602/89-07 on 891213-14 (ref 10CFR2.790).No violations or deviations noted.Major areas inspected:preoperational insp of licensee radiation protection,physical security & emergency preparedness.  
MURRAY,B., CARLSON,D.M., BEACH,A.B. Region 4, Ofc of the Director. 90/01/11. 7pp. 52467:116-52467:122.

**Q. Inspection reports, IE Bulletins & correspondence**

**9001290236** Forwards Insp Rept 50-602/89-07 on 891213-14.No violations or deviations noted.  
BEACH,A.B. Region 4, Ofc of the Director. 90/01/11. WEHRING,B.W. Texas, Univ. of, Austin, TX. 2pp. 52467:114-52467:122.

**-9001290243** Partially withheld Insp Rept 50-602/89-07 on 891213-14 (ref 10CFR2.790).No violations or deviations noted.Major areas inspected:preoperational insp of licensee radiation protection,physical security & emergency preparedness.  
MURRAY,B., CARLSON,D.M., BEACH,A.B. Region 4, Ofc of the Director. 90/01/11. 7pp. 52467:116-52467:122.

**9002160076** Forwards order extending const completion date for Univ of Texas TRIGA Mark II research reactor from 891231 to 901231. Safety evaluation & FR notice of environ assessment & finding of no significant impact also encl.  
ADAMS,A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/09. FONKEN,G.J. Texas, Univ. of, Austin, TX. 3pp. 52670:008-52670:017.

**-9002160080** Order extending const completion date for CPPR-123 from 891231 to 901231.Extension required due to addl time needed to complete corrective work,including testing & insp of some sys.  
HOLAHAN,G.M. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411). 90/02/09. Texas, Univ. of, Austin, TX. 2pp. 52670:011-52670:012.

**-9002160081** Safety evaluation supporting extension of const completion date for CPPR-123 from 891231 to 901231 due to termination of project general contractor on 881013 & to ensure adequate time to complete insp program by NRC.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/09. 2pp. 52670:013-52670:014.

**-9002160083** Environ assessment & finding of no significant impact re extension of const completion date from 891231 to 901231.  
WEISS,S.H. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/02/01. 3pp. 52670:015-52670:017.

**DOCKET 50-603 ALCHEMIE FACILITY 1 - CPDF****A. Application/construction stage documents & correspondence**

**9002160084** Forwards US Bankruptcy Court for Eastern District of Tennessee orders & memorandum on debtors motion to alter or amend order & opinion re status of sales agreement between DOE & AlChemIE.DOE believes agreement expired on 890821.  
HALL,J.C. Energy, Dept. of. 90/02/08. SWIFT,J.J. NRC - No Detailed Affiliation Given. 16pp. 52670:018-52670:033.

**G. Adjudicatory correspondence**

**9002080067** Responds to 900117 joint request on how NRC & applicant counsel expect to move proceeding on hearing calendar in new yr.Applicant has expressed desire to have proceeding held in abeyance indefinitely although NRC does not agree.  
BORDENICK,B.M. Assistant General Counsel for Hearings & Enforcement. #190 9788. 90/01/28. MARGULIES,M.B., SHON,F.J., PARIS,O.H. Atomic Safety and Licensing Board Panel. 2pp. 52537:118-52537:119.

**9002080054** Requests telephone conference be set up at Board convenience due to author not being able to reach licensee counsel.  
BORDENICK,B.M. Assistant General Counsel for Hearings & Enforcement. #190 9780. 90/02/01. MARGULIES,M.B., SHON,F.J., PARIS,O.H. Atomic Safety and Licensing Board Panel. 1p. 52538:085-52538:085.

**9002150064** Advises that Board concluded that holding prehearing telcon re scheduling considered premature due to lack of record,per 900201 ltr.Request for future scheduling suggested to be submitted.W/Certificate of Svc.Served on 900209.  
MARGULIES,M.B. Atomic Safety and Licensing Board Panel. #190 9821. 90/02/08. BORDENICK,B.M. Assistant General Counsel for Hearings & Enforcement. 2pp. 52606:298-52606:299.

**9002280127** NRC Staff motion for issuance of Board scheduling order.\* Certificate of Svc encl.  
BORDENICK,B.M. Assistant General Counsel for Hearings & Enforcement. #190 9911. 90/02/16. Atomic Safety and Licensing Board Panel. 6pp. 52684:153-52684:158.

## 172 DOCKETED ITEMS

### DOCKET 50-604 ALCHEMIE FACILITY 2 - OLIVER SPRINGS

#### A. Application/construction stage documents & correspondence

**9002160084** Forwards US Bankruptcy Court for Eastern District of Tennessee orders & memorandum on debtors motion to alter or amend order & opinion re status of sales agreement between DOE & Alchemie. DOE believes agreement expired on 890821. HALL, J.C. Energy, Dept. of. 90/02/08. SWIFT, J.J. NRC - No Detailed Affiliation Given. 16pp. 52670:018-52670:033.

#### G. Adjudicatory correspondence

**9002080067** Responds to 900117 joint request on how NRC & applicant counsel expect to move proceeding on hearing calendar in new yr. Applicant has expressed desire to have proceeding held in absence indefinitely although NRC does not agree. BORDENICK, B.M. Assistant General Counsel for Hearings & Enforcement. #190 9788. 90/01/26. MARGULIES, M.B., SHON, F.J., PARIS, O.H. Atomic Safety and Licensing Board Panel. 2pp. 52537:118-52537:119.

**9002080054** Requests telephone conference be set up at Board convenience due to author not being able to reach licensee counsel. BORDENICK, B.M. Assistant General Counsel for Hearings & Enforcement. #190 9780. 90/02/01. MARGULIES, M.B., SHON, F.J., PARIS, O.H. Atomic Safety and Licensing Board Panel. 1p. 52538:085-52538:085.

**9002150064** Advises that Board concluded that holding prehearing telcon re scheduling considered premature due to lack of record, per 900201 ltr. Request for future scheduling suggested to be submitted w/ Certificate of Svc. Served on 900209. MARGULIES, M.B. Atomic Safety and Licensing Board Panel. #190 9821. 90/02/08. BORDENICK, B.M. Assistant General Counsel for Hearings & Enforcement. 2pp. 52606:298-52606:299.

**9002280127** NRC Staff motion for issuance of Board scheduling order. Certificate of Svc encl. BORDENICK, B.M. Assistant General Counsel for Hearings & Enforcement. #190 9911. 90/02/16. Atomic Safety and Licensing Board Panel. 6pp. 52684:153-52684:158.

### DOCKET STN-50-605 GE ADVANCED BWR DESIGN

#### A. Application/construction stage documents & correspondence

**9002050031** Requests for addl info re GE application for certification of advanced BWR design. Response requested by 900228. SCALETTI, D.C. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/26. MARRIOTT, P.W. General Electric Co. 5pp. 52542:014-52542:018.

### DOCKET 50-606 ARKANSAS TECH UNIV., UNIT 1

#### A. Application/construction stage documents & correspondence

**9002020166** Requests withdrawal of 891211 affidavit. New affidavit w/ correct info encl. KERSH, K. Arkansas Tech Univ., Russellville, AR. 89/12/19. ADAMS, A. NRC - No Detailed Affiliation Given. 2pp. 52540:076-52540:077.

**9002060095** Advises that Docket 50-606 assigned to Arkansas Tech Univ TRIGA reactor & replaces Project 677. ADAMS, A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/26. KERSH, K. Arkansas Tech Univ., Russellville, AR. 3pp. 52556:199-52556:201.

#### I. Financial Information

**9002120043** "Arkansas Tech Univ Financial Rept for Year Ended 890630." \* Arkansas Tech Univ., Russellville, AR. 89/06/30. 14pp. 52631:008-52631:021.

## DOMESTIC LICENSING OF SPECIAL NUCLEAR MATERIAL

### DOCKET 70-0025 ROCKWELL INTL CORP. (ROCKWELL INTERNATIONAL CORP.), CANOGA

**9002280065** Direct case for Intervenor Susana Knolls Homeowners Assoc opposing relicensing of Santa Susana field lab. Requested license should be denied on basis of licensee not fit to be relicensed to possess & use Pu. W/ Certificate of Svc. JOHNSON, B.M., MASON, M.J. Susana Knolls Homeowners Association. #190 9917. 90/02/19. Atomic Safety and Licensing Board Panel. 210pp. 52685:107-52685:316.

**9001290087** Submits monthly inventory difference rept for Nov 1989. No SNM inventory differences, normal operating loss or discards for RISs LAL & ZAZ, assigned to licensee. SCHAUBERT, V.J. Rockwell International Corp. 89/12/04. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52469:160-52469:160.

**9002080007** Requests that listed members of Committee to Bridge the Gap, Southern California Federation of Scientists & Susana Knolls Homeowners Assoc be added to svc list for proceeding. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 9754. 89/12/11. JULIAN, E.L. Docketing & Services Branch. 1p. 52539:094-52539:095.

**9001050219** Forwards response to Judge Bloch questions from 891201 memo & order. SJOBLUM, G.L. Fuel Cycle Safety Branch. 89/12/13. WOODHEAD, C.P. Office of the General Counsel (Post 860701). 2pp. 52655:060-52655:061.

**9002080025** Addition to svc list for Rockwell Intl Corp (Rockwell Intl Div). \* Requests that R Saxon, president of Los Angeles Physicians for Social Responsibility be added to svc list. Certificate of Svc encl. Served on 900130. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 9761. 90/01/25. JULIAN, E. Docketing & Services Branch. 3pp. 52539:024-52539:026.

**9002080029** Deletion from svc list for Rockwell Intl Corp (Rockwell Intl Div). \* Requests that J Sherman, D Gross, J Douglas & R Rubenstein be deleted from svc list. Certificate of Svc encl. Served on 900130. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 9762. 90/01/25. JULIAN, E. Docketing & Services Branch. 3pp. 52539:021-52539:023.

**9002080092** Response to memorandum & order motion for reconsideration. \* Expresses concern that intervenors not given chance to file briefs supporting & joining motion for reconsideration before ASLAB 891221 memorandum & order. W/ Certificate of Svc. LIT, E. LIT, E. RASKINS, J.E. Raskin, J.E. JOHNSON, B. Affiliation Not Assigned. #190 9789. 90/01/25. Atomic Safety and Licensing Appeal Panel. 3pp. 52537:187-52537:189.

**9002010146** Advises that P Rutherford will assume all responsibilities associated w/ License SNM-21, including all interfaces w/ NRC, conformance w/ all NRC regulations re operations & mgt & administration of nuclear safeguards & review panel. LANCET, R.T. Rockwell International Corp. 90/01/26. SJOBLUM, G.L. Fuel Cycle Safety Branch. 2pp. 52531:078-52531:079.

**9002080111** Request for briefing schedule. \* Requests that schedule on certain issues re TRUMP-S project be established as stated. Certificate of Svc encl. HIRSCH, D. Committee to Bridge the Gap. #190 9782. 90/01/29. Atomic Safety and Licensing Board Panel. 4pp. 52537:209-52537:212.

**9002080032** Advises that NRC will not submit comments on licensee 891222 response to Board 891128 memorandum & order. NRC has not received responses filed by intervenors. WOODHEAD, C.P. Assistant General Counsel for Hearings & Enforcement. #190 9786. 90/02/01. BLOCH, P.B. Atomic Safety and Licensing Board Panel. 1p. 52537:105-52537:105.

**9002130330** Forwards SNM inventory repts for period ending 900131. W/o repts. RUTHERFORD, P.D. Rockwell International Corp. 90/02/01. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52646:215-52646:216.

**9002130367** Submits monthly inventory difference rept for Feb 1990. No recognized SNM inventory differences, NOLs or discards exist for month ending 900131. RUTHERFORD, P.D. Rockwell International Corp. 90/02/01. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52646:220-52646:221.

**9002130017** Change in svc list for Rockwell Intl Corp. \* Requests that RT Lancel be deleted & PD Rutherford be added to svc list, per 900129 request. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 9809. 90/02/08. JULIAN, E. Docketing & Services Branch. 1p. 52572:199-52572:202.

**-9002130023** Replacement of RT Lancel by PD Rutherford for all activities re Rockwell Intl hot lab. \* Advises of RT Lancel retirement effective on 900131 & states PD Rutherford address. Certificate of Svc encl. GIBBS, D.D. Rockwell International Corp. 90/01/29. BLOCH, P.B. Atomic Safety and Licensing Board Panel. 3pp. 52572:200-52572:202.

**9002130095** Memorandum & order (request for briefing schedule; more info needed). \* Advises that no suppl to Committee to Bridge the Gap 900201 motion necessary, per 900201 telcon w/ judge. Certificate of Svc encl. Served on 900208. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9812. 90/02/08. Committee to Bridge the Gap. 4pp. 52572:207-52572:210.

**9002280010** Direct case for Southern California Federation of Scientists in opposing license renewal application of Rockwell Intl to continue operating hot cells & hot lab at Santa Susana Field Lab. W/ Certificate of Svc. PLOTKIN, S.C. Southern California Federation of Scientists. #190 9921. 90/02/18. Atomic Safety and Licensing Board Panel. 28pp. 52684:220-52684:247.

**9002280007** Amend to intervenors evidentiary hearing file. \* Requests for relief to express concerns re facility, including that facility will jeopardize health & safety of surrounding communities. W/ Certificate of Svc. LIT, E. LIT, E. RASKIN, J.E. Raskin, J.E. #190 9918. 90/02/19. Atomic Safety and Licensing Board Panel. 5pp. 52684:215-52684:219.

**9002280056** Direct case for Los Angeles Physicians for Social Responsibility. \* License for facility should be denied on basis of physical reasons, including unacceptable radioactive releases from facility over yrs. W/ Certificate of Svc. SAXON, R.G. Physicians for Social Responsibility. #190 9916. 90/02/19. Atomic Safety and Licensing Board Panel. 62pp. 52685:044-52685:105.

### DOCKET 70-0027 BABCOCK & WILCOX CO., LYNCHBURG, VA

**9002130326** Forwards replacement pages to safeguards & physical security plan. Pages withheld. OLSEN, A.F. Babcock & Wilcox Co. 89/12/15. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52647:356-52647:357.

**9002130312** Forwards response to Generic Ltr 89-20. W/o encl. OLSEN, A.F. Babcock & Wilcox Co. 89/12/21. KASUN, J.K. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52647:076-52647:077.

**9001300068** Advises that completion date for redesign of recovery ventilation sys extended until 900731 due to addl new equipment ordered, per Insp Rept 70-0027/86-22. OLSEN, A.F. Babcock & Wilcox Co. 90/01/12. Region 2, Ofc of the Director. 1p. 52489:136-52489:136.

**9002010138** Forwards Insp Rept 70-0027/89-201 on 891023-27. No violations, deviations or declining performance identified. Previous violation continues to be unresolved. CLINE, W.E. Region 2, Ofc of the Director. 90/01/16. TETRAULT, R.E. Babcock & Wilcox Co. 2pp. 52532:033-52532:035.

**-9002010147** Partially withheld Insp Rept 70-0027/89-201 on 891023-27 (ref 10CFR2.790(d)). No violations, deviations or declining performance noted. Major areas inspected: measurement sys, measurement control & statistics & physical inventory. WILLIAMS, M.C., CLAY, E.L., NELSON, G.B. Region 2, Ofc of the Director. 90/01/16. 1p. 52532:035-52532:035.



9002020254 PNO-II-90-006: on 900112, fire occurred in dryer in uncontaminated portion of facility laundry while drying rags containing dye penetrant. Licensee eventually extinguished fire w/ water hose. No injuries or contamination noted. MCALPINE, E.J. Region 2, Ofc of the Director. 90/01/16. 1p. 52540:135-52540:135.

9002090127 Forwards Amend 26 to License SNM-42, authorizing processing of irradiated fuel for recovery of U and revising Condition 9 to include dates of 891011 & 900105 & deleting Condition 24. SER encl. SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/01/26. OLSEN, A.F. Babcock & Wilcox Co. 1p. 52613:352-52613:355.

-9002090128 Amend 26 to License SNM-42 for Babcock & Wilcox Co, authorizing use of U-235, Am-241, Np-237 & Cs-137 sealed sources for use, per statements, presentations & conditions in Sections I-IX of 820222 application. SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/26. 3pp. 52613:353-52613:355.

-9002090129 SER re 891011 application for amend & 900105 suppl re processing irradiated fuel. Staff concludes amend can be issued w/o undue risk to workers, public or environ. SOONG, S. Fuel Cycle Safety Branch. 90/01/26. 3pp. 52613:356-52613:358.

9002140158 Advises that 891027 Rev 0 to physical security plan consistent w/ provisions of 10CFR73.46 & acceptable & revises & reissues physical security portion of Safeguards Amend SG-2 to License SNM-42 as reflected in encl. W/o encl. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/01/31. OLSEN, A.F. Babcock & Wilcox Co. 1p. 52652:002-52652:002.

9002120085 Issues License Condition TC (MC&A)-1 to Safeguards Amend SG-2 to License SNM-0042, per 900126 request re physical inventory of scrap recovery mat balance area. BURNETT, R.F. Division of Safeguards & Transportation (Post 870413). 90/02/01. OLSEN, A.F. Babcock & Wilcox Co. 2pp. 52617:228-52617:229.

9002150323 Forwards Insp Rept 70-0027/90-02 on 900108-12. Violations noted but not cited. COLLINS, D.M. Region 2, Ofc of the Director. 90/02/01. TETRAULT, R.E. Babcock & Wilcox Co. 2pp. 52657:045-52657:057.

-9002150331 Insp Rept 70-0027/90-02 on 900108-12. Violations noted re failure to conduct annual compliance audit. Major areas inspected: emergency preparedness program to determine state of operational readiness, fire protection & internal audits. GOODEN, A., RANKIN, W. Region 2, Ofc of the Director. 90/01/30. 11pp. 52657:047-52657:057.

9002120369 Application for amend to License SNM-0042, authorizing possession of up to 500 mCi Yb-169 in form of sealed sources. Fee paid. OLSEN, A.F. Babcock & Wilcox Co. 90/02/08. SJOBLUM, G.L. Fuel Cycle Safety Branch. 8pp. 52627:067-52627:074.

9002230386 Forwards Insp Rept 70-0027/90-01 on 900108-12 & notice of violation. STOHRE, J.P. Region 2, Ofc of the Director. 90/02/12. TETRAULT, R.E. Babcock & Wilcox Co. 2pp. 52701:311-52701:338.

-9002230389 Notice of violation from insp on 900108-12. Violation noted: operators working in MFP area where readily dispersible forms of U are processed had not received annual retraining as required. STOHRE, J.P. Region 2, Ofc of the Director. 90/02/12. 3pp. 52701:313-52701:315.

-9002230391 Insp Rept 70-0027/90-01 on 900108-12. Violations noted. Major areas inspected: review of licensee radiation protection activities, including program staffing & organization, training & radioactive contamination control. KUZO, G.B., POTTER, J.P. Region 2, Ofc of the Director. 90/02/02. 23pp. 52701:316-52701:338.

#### DOCKET 70-0036 COMBUSTION ENGINEERING, INC., WINDSOR, CT

9002090119 Forwards Amend 17 to License SNM-33, authorizing use of poreformer & lubricant in pelletizing lines, storage of SNM in Bldg 254, rev to Condition 9 to include dates of 900103 & 900112 & deletion of Conditions 36 & 37. SER also encl. SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/01/24. RODE, J.A. Combustion Engineering, Inc. 2pp. 52606:029-52606:040.

-9002090121 Amend 17 to License SNM-33 for C-E, Inc., authorizing use of U-235, Co-60 & Am-241 for use, per statements, representations & conditions contained in Part I of 820226 license renewal application & suppls dated 820721, 830221, 840531, 0429 & 0606. SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/24. 5pp. 52606:031-52606:035.

-9002090124 SER re authorization to add poreformer & lubricant to new pellet production lines & authorization to store SNM on second & third floors of Bldg 254. MCCAGHEY, D.A. Fuel Cycle Safety Branch. 90/01/24. 4pp. 52606:036-52606:039.

-9002090125 Discusses staff analyses of categorical exclusion for amend request dtd 900103 & suppl dtd 900112. Proposed changes will not cause adverse effect to public health & safety or environ. SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/01/24. Fuel Cycle Safety Branch. 1p. 52606:040-52606:040.

9002090206 Requests location & results of samples on four limestones conducted by Oak Ridge Associated Univ & collected by C-E. BIDDINGER, G. Fuel Cycle Safety Branch. 90/01/30. RODE, J.A. Combustion Engineering, Inc. 1p. 52626:260-52626:260.

9002230130 Responds to NRC 900124 ltr expressing concern over quality of license amend application submitted by licensee. Assessment of process for proposing, establishing scenarios & evaluating licensee amend applications being conducted. RODE, J.A. Combustion Engineering, Inc. 90/02/12. SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 2pp. 52702:201-52702:202.

#### DOCKET 70-0143 NUCLEAR FUEL SERVICES, INC., ERWIN, TN

9002130346 Forwards response to Insp Rept 70-0143/89-200 on 890710-14. Response withheld. JOHNSON, S.C. Nuclear Fuel Services, Inc. 89/11/29. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52647:058-52647:059.

9002130319 Forwards Rev 2 to fundamental nuclear mat control plan (Part 74), Section 1 & Annex A. Rev withheld (ref 10CFR9.17(a)(3)). HENSLEY, K.D. Nuclear Fuel Services, Inc. 89/12/06. KASUN, D.J. Division of Safeguards & Transportation (Post 870413). 2pp. 52645:359-52645:360.

9002140159 Application for amend to License SNM-124. Encl withheld (ref 10CFR2.790(d)). Fee paid. HENSLEY, K.D. Nuclear Fuel Services, Inc. 90/01/08. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 1p. 52651:355-52651:355.

9002140170 Application for amend to License SNM-124. Fee paid. Encl withheld (ref 10CFR2.790(d)). HENSLEY, K.D. Nuclear Fuel Services, Inc. 90/01/09. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 1p. 52651:356-52651:356.

9001290262 Discusses status of final phase of burial ground integrity enhancement project & advises that licensee coordinating projects fully mindful of outstanding items. Action on final two enhancement items expected to be complete by mid-yr. MAXIN, A.M. Nuclear Fuel Services, Inc. 90/01/19. SJOBLUM, G.C. Division of Industrial & Medical Nuclear Safety (Post 870729). 3pp. 52467:354-52467:356.

9002140235 Advises that 891005 Rev 0, w/891221 addl changes, to physical safeguards plan meets provisions of 10CFR73.46 & acceptable. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/01/31. PAINE, D. Nuclear Fuel Services, Inc. 1p. 52650:360-52650:360.

9002130187 Forwards Insp Rept 70-0143/90-01 on 900108-12. No violations or deviations noted. CLINE, W.E. Region 2, Ofc of the Director. 90/02/01. LONG, J.A. Nuclear Fuel Services, Inc. 2pp. 52646:017-52646:019.

-9002130192 Partially withheld Insp Rept 70-0143/90-01 on 900108-12 (ref 10CFR2.790 & 73.21). No violations or deviations noted. Major areas inspected: mgt effectiveness - security program, audits, locks & physical barriers - protected area. TILLMAN, A., MCGUIRE, D.R. Region 2, Ofc of the Director. 90/02/01. 1p. 52646:019-52646:019.

9002090164 Forwards Amend 56 to License SNM-124, revising Condition 9 to include dates of 890526 & 1006 re H/X ratio for U-235 unit. SER also encl. SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/02/02. KNIGHT, B. Nuclear Fuel Services, Inc. 1p. 52608:025-52608:042.

-9002090167 Amend 56 to License SNM-124 for NFS, Inc. Amend authorizes modified criteria for storage of vendor mats in vaults. SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/02. 14pp. 52608:026-52608:039.

-9002090169 SER supporting 890526 application for amend to License SNM-124 re storage of vendor mat in Bldg 306 vault. WILSON, R.E. Fuel Cycle Safety Branch. 90/02/02. 2pp. 52608:040-52608:041.

-9002090170 Discusses categorical exclusion for 890526 amend request to modify Criterion 6 for Configuration 1 units in cuboidal array storage in vaults. No EIS warranted for proposed action. SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/02/02. Fuel Cycle Safety Branch. 1p. 52608:042-52608:042.

#### DOCKET 70-0211 CORNELL UNIV., ITHACA, NY

9002070197 "Statistical Summary Rept of Personnel Whole Body Exposure to Radiation for Period 890106-900104." W/900125 ltr. GRABER, W.E. General Dynamics Corp. 90/01/04. 2pp. 52626:022-52626:023.

#### DOCKET 70-0371 UNC, INC., UNCASVILLE, CT

9001310190 Application for renewal of License SNM-368, incorporating Amends 10-19 & modifying health physics program. W/seven oversize drawings. GREGG, R.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 90/01/19. SJOBLUM, G.L. Fuel Cycle Safety Branch. 250pp. 52498:197-52498:068.

-9001310195 "Annual Rept for 1988." COLUSSY, D.A. United Nuclear Corp. (subs. of UNC Resources, Inc.). 88/12/31. 35pp. 52499:069-52499:105.

9002130363 Forwards payment for administrative costs & new & revised pages to FNMCP. Page changes, submitted as Rev 3, necessary to incorporate fuel operations in MBA-9. Encl withheld (ref 10CFR2.790). COLLOPY, T.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 89/12/18. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52647:060-52647:061.

9002130338 Forwards rept re site conditions on protected area long-term housekeeping. W/o encl. GIGLIOTTI, R.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 89/12/22. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52646:222-52646:223.

9002140244 Responds to 890612, 1101 & 1215 ltrs transmitting Revs 9A, 9B & 9C, respectively, to physical safeguards plan. Submittals acceptable in meeting provisions of 10CFR73.46. Physical security portion of Safeguards Amend SG-2 revised. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/01/31. GIGLIOTTI, R.J. UNC Resources, Inc. 6pp. 52653:305-52653:310.

9002130316 Forwards revised Ref 58 to physical protection plan (Change 9). W/o encl. GIGLIOTTI, R.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 90/02/02. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52634:354-52634:355.

## 174 DOCKETED ITEMS

### DOCKET 70-0398 COMMERCE, DEPT. OF, WASHINGTON, DC

**9002090375** Application for amend to License SNM-362, requesting that Rooms A344 & B118 be decommissioned & declared available for general use for NIST projects that would not necessarily involve radioactivities.

PEVEY, L.E. National Institute of Standards & Technology (formerly National Bureau of Standards). 90/02/05. ROUSE, L.C. Fuel Cycle Safety Branch. 4pp. 52614:125-52614:289.

**-9002120017** "Decommissioning Plan for Room A344, Bldg 222."

EAGLESON, D. National Institute of Standards & Technology (formerly National Bureau of Standards). 89/12/19. 67pp. 52614:129-52614:201.

**-9002120019** "Decommissioning Plan for Room B118, Bldg 222."

EAGLESON, D. National Institute of Standards & Technology (formerly National Bureau of Standards). 89/08/11. 67pp. 52614:202-52614:289.

### DOCKET 70-0687 CINTICHEM, INC., TUXEDO, NY

**9002140148** Discusses & forwards revised NRC Forms 396 & 398. All applications for licenses should be submitted on revised forms no later than 900201.

GALLO, R.M. Region 1, Ofc of the Director. 90/01/05. MCGOVERN, J.J. Cintichem, Inc. 8pp. 52651:310-52651:317.

**9001310435** Forwards Insp Repts 50-054/89-80 & 70-0687/89-80 on 891023-27 & notice of violation. NRC concerned that analytical measurements programs do not appear to be sufficiently controlled.

KNAPP, M.R. Region 1, Ofc of the Director. 90/01/23. MCGOVERN, J.J. Cintichem, Inc. 3pp. 52497:117-52497:169.

**-9001310438** Notice of violation from insp on 891023-27. Violations noted: four areas on floor had fixed alpha contamination action levels ranging from 8,000 to 24,000 dpm/100 cm<sup>2</sup> & were neither cleaned or labeled w/identification mark.

\* Region 1, Ofc of the Director. 90/01/23. 3pp. 52497:120-52497:122.

**-9001310444** Insp Repts 50-054/89-80 & 70-0687/89-80 on 891023-27. Violations noted. Major areas inspected: hot lab & reactor operations, reactor experiments, radiation protection including contamination control & effluent monitoring.

ROTH, J., COLLINS, D.J., COMFORT, G. Region 1, Ofc of the Director. 90/01/22. 47pp. 52497:123-52497:169.

**9002010225** SER re licensee storage of U in gamma pit.

WILSON, R.E. Fuel Cycle Safety Branch. 90/01/25. COMFORT, G. Fuel Cycle Safety Branch. 2pp. 52531:069-52531:070.

**9001300411** Ack receipt of 890915 application for renewal of License SNM-639. License will not expire until application for renewal finally determined by Commission.

SJOBLOM, G.L. Fuel Cycle Safety Branch. 90/01/26. VAUGHN, T.L. Cintichem, Inc. 1p. 52497:015-52497:015.

**900220177** PNO-I-90-011: on 900209, addl discharge of contaminated water noted. Cause of leak under investigation. Licensee initiated pumping of contaminated water into available storage tanks & installation of ion exchange columns on storage tanks.

ROTH, J., BORES, R. Region 1, Ofc of the Director. 90/02/09. 1p. 52674:084-52674:084.

**9002220104** EN-90-018: 900213, order modifying licenses (effective immediately) issued to licensee. Action based on identification of unmonitored release of radioactively contaminated water from facility bldg to retention pond.

JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/13. 1p. 52695:291-52695:291.

### DOCKET 70-0734 GENERAL ATOMICS, SAN DIEGO, CA

**9002130243** Forwards SNM physical inventory summary repts reflecting plant activity for period ending 890320. Repts withheld.

WISHAM, C.L. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 89/04/17. PATE, R.J. Region 5, Ofc of the Director. 2pp. 52644:331-52644:331.

**9002130240** Forwards SNM physical inventory summary repts reflecting plant activity for period ending 890724. Repts withheld.

WISHAM, C.L. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 89/08/16. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52647:336-52647:337.

**9002130247** Forwards SNM physical inventory summary repts reflecting plant activity for period ending 891120. Repts withheld.

WISHAM, C.L. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 89/12/15. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52644:359-52644:360.

### DOCKET 70-0754 GENERAL ELECTRIC CO., PLEASANTON, CA

**9001300426** Ack receipt of 890421 application for renewal of License SNM-960. License will not expire until application finally determined by Commission.

SJOBLOM, G.L. Fuel Cycle Safety Branch. 90/01/26. CUNNINGHAM, G.E. General Electric Co. 1p. 52494:275-52494:275.

### DOCKET 70-0820 UNC RECOVERY SYSTEMS, WOOD RIVER JUNCTION, RI

**9002120318** Discusses logistical issues preventing vendor from initiating decommissioning phase at facility & completing final steps necessary for license termination. Disposal of mats will be conducted in early Apr 1990.

VELASQUEZ, J.R. United Nuclear Corp. (subs. of UNC Resources, Inc.). 90/02/08. SJOBLOM, G. Fuel Cycle Safety Branch. 2pp. 52615:196-52615:197.

### DOCKET 70-0925 CIMARRON CORP., OKLAHOMA CITY, OK

**9001290032** Forwards, for info, NRC memo describing 891201 meeting re Cimarron & Cushing sites. W/o encl.

SJOBLOM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/16. STAUTER, J.C. Cimarron Corp. 1p. 52468:093-52468:093.

**9002050207** Application for amend to License SNM-928, authorizing onsite disposition of U, containing soils meeting NRC branch technical position Option 2 criteria. Special subsurface soil sampling program encl.

STAUTER, J.C. Kerr-McGee Corp. 90/02/01. SJOBLOM, G.L. NRC - No Detailed Affiliation Given. 20pp. 52542:214-52542:233.

**9002230189** Discusses results of radiological survey of bldgs & surrounding areas where licensed source mat activities had been conducted at Cushing, OK refinery site, per 891201 meeting.

STAUTER, J.C. Kerr-McGee Corp. 90/02/13. SJOBLOM, G. Medical, Academic & Commercial Use Safety Branch. 4pp. 52702:160-52702:163.

### DOCKET 70-1100 COMBUSTION ENGINEERING, INC., WINDSOR, CT

**9001310363** Forwards Amend 16 to License SNM-1067 & safety evaluation. Amend authorizes organizational changes & revises Condition 9 to include dates of 891211, 13 & 20.

SJOBLOM, G.L. Fuel Cycle Safety Branch. 90/01/18. VAUGHAN, R. Combustion Engineering, Inc. 1p. 52531:032-52531:040.

**-9001310367** Amend 16 to License SNM-1067 for C-E, authorizing use of 500,000 kg U, 4,800 g U-235 & 160 micrograms Pu as analytical samples.

SJOBLOM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/18. 4pp. 52531:033-52531:036.

**-9001310370** SER accepting 891211 amend application & suppls dtd 891213 & 20 re organizational changes.

MCCAUGHEY, D.A., BIDINGER, G.H. Fuel Cycle Safety Branch. 90/01/18. 3pp. 52531:037-52531:039.

**-9001310372** Discusses categorical exclusion for amend request dtd 891211 & suppls dtd 891213 & 20 re organizational changes.

\* Fuel Cycle Safety Branch. 90/01/18. Fuel Cycle Safety Branch. 1p. 52531:040-52531:040.

**9002010209** Forwards Mgt Meeting Summary Rept 70-1100/90-01 on 900104.

BELLAMY, R.R. Region 1, Ofc of the Director. 90/01/19. WATERMAN, C.R. Combustion Engineering, Inc. 2pp. 52515:109-52515:141.

**-9002010211** Mgt Meeting Summary Rept 70-1100/90-01 on 900104 to discuss status of completion of facility mods & programmatic upgrades as described in facility performance improvement plan, per 880908 Confirmatory Action Ltr CAL-88-23.

ROTH, J., BORES, R.J. Region 1, Ofc of the Director. 90/01/17. 31pp. 52515:111-52515:141.

**9002060296** Forwards updated completion status rept of activities to improve regulatory compliance & mgt. W/six oversize figures.

WATERMAN, C.R. Combustion Engineering, Inc. 90/01/31. RUSSELL, W.T. Region 1, Ofc of the Director. 101pp. 52584:172-52584:272.

### DOCKET 70-1113 GENERAL ELECTRIC CO., WILMINGTON, NC

**9002090214** Provides info re ref Figure 12.5 of 890522 license renewal document, external radiation exposure data, ref Figures 12.9-12.43, airborne concentration data & ref Figure 12.7, in vivo counting, per 891220 telcon.

WINSLOW, T.P. General Electric Co. 90/01/22. FLACK, E.D. NRC - No Detailed Affiliation Given. 2p. 52626:118-52626:126.

**-9002090217** Statistical summary showing total of 1,025 individuals for whom personnel monitoring provided during 1986, per 10CFR20.407(a)(2).

WINSLOW, T.P. General Electric Co. 86/12/31. Office of Nuclear Regulatory Research, Director (Post 860720). 2pp. 52626:119-52626:120.

**-9002090218** Statistical summary showing total of 943 individuals for whom personnel monitoring provided during 1987, per 10CFR20.407(a)(2).

WINSLOW, T.P. General Electric Co. 87/12/31. Office of Nuclear Regulatory Research, Director (Post 860720). 2pp. 52626:121-52626:122.

**-9002090219** Statistical summary showing total of 1,000 individuals for whom personnel monitoring provided during 1988, per 10CFR20.407(a)(2).

WINSLOW, T.P. General Electric Co. 88/12/31. Office of Nuclear Regulatory Research, Director (Post 860720). 4pp. 52626:123-52626:126.

**9002050114** Advises that License Condition 1.1 re FNMC to Safeguards Amend SG-2 to License SNM-1097 revised to read as listed, in response to 891120 submittal of rev to FNMC.

KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/01/30. WINSLOW, T.P. General Electric Co. 1p. 52543:001-52543:001.

**9002140167** Forwards changes to FNMC. Changes withheld (ref 10CFR2.790).

WINSLOW, T.P. General Electric Co. 90/02/05. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52653:304-52653:304.

### DOCKET 70-1151 WESTINGHOUSE ELECTRIC CORP., COLUMBIA, SC

**9001290008** Forwards Insp Rept 70-1151/89-09 on 891204-08. No violations or deviations noted.

CLINE, W.E. Region 2, Ofc of the Director. 90/01/02. KOGA, R.H. Westinghouse Electric Corp. 2pp. 52453:304-52453:306.

**-9001290009** Partially withheld Insp Rept 70-1151/89-09 on 891204-08 (ref 10CFR2.790(d) & 73.21). No violations or deviations noted. Major areas inspected: nuclear mat control & accounting program performance re measurement sys.

CLAY, E.L., MCGUIRE, D.R. Region 2, Ofc of the Director. 90/01/02. 1p. 52453:306-52453:306.

**9002120074** Forwards Insp Rept 70-1151/90-01 on 900108-12. No violations or deviations noted. Rept details withheld (ref 10CFR2.790(d) & 73.21). W/o rept cover page.

CLINE, W.E. Region 2, Ofc of the Director. 90/02/01. KOGA, R.H. Westinghouse Electric Corp. 2pp. 52617:280-52617:281.

**DOCKET 70-1252 EDLOW INTERNATIONAL CO., WASHINGTON, DC**

**9002080071** Responds to 891228 request for approval of four east coast ports to be used in transiting of ports by spent reactor fuel shipment. Ports judged to meet 10CFR73.37 requirements for transient spent fuel shipments & approved. MACDONALD,C.E. Transportation Branch. 90/01/31. RAVENSCROFT,N. Edlow International Co. 2pp. 52594:081-52594:082.

**9002130370** Advises that routes for transport of spent fuel from Garden City,GA to Aiken,SC approved,per 891228 request.Approved route encl. MACDONALD,C.E. Transportation Branch. 90/02/05. RAVENSCROFT,N. Edlow International Co. 8pp. 52648:214-52648:221.

**DOCKET 70-1359 IRT CORP., SAN DIEGO, CA**

**9002140166** Responds to violation noted in Insp Rept 70-1359/89-01. Corrective action:all SNM subj to security requirements of 10CFR73.67 relocated to vault & Callan Road vault equipped w/tamper indicating seal & checked daily. CROSSIE,K.L. IRT Corp. 90/01/10. Document Control Branch (Document Control Desk). 2pp. 52651:359-52651:360.

**DOCKET 70-2932 TEXAS UTILITIES ELECTRIC CO., DALLAS, TX**

**9002120230** Forwards Amends 4,5 & 6 to executed Indemnity Agreement B-96. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. DINITZ,I. Office of Nuclear Reactor Regulation, Director (Post 870411). 6pp. 52627:106-52627:111.

**DOCKET 70-3020 NUCLEAR ASSURANCE CORP., NORCROSS, GA**

**9002130309** Advises that route from Fulton,MO to Lynchburg,VA for transport of spent fuel meets regulatory requirements per 10CFR73.37 & approved.Approved route encl. MACDONALD,C.E. Transportation Branch. 90/02/02. MAYER,C.H. Nuclear Assurance Corp. 15pp. 52647:193-52647:207.

**DOCKET 70-3057 TU ELECTRIC, DALLAS, TX**

**9002120230** Forwards Amends 4,5 & 6 to executed Indemnity Agreement B-96. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/02/02. DINITZ,I. Office of Nuclear Reactor Regulation, Director (Post 870411). 6pp. 52627:106-52627:111.

**PACKAGING OF RADIOACTIVE MATERIAL FOR TRANSPORT AND TRANSPORTATION OF RADIOACTIVE MATERIAL UNDER CERTAIN CONDITIONS**
**DOCKET 71-0018 NUCLEAR ASSURANCE CORP.**

**9002160103** Forwards QA Insp Rept 71-0018/90-01 on 891113-16 & 1212-15 & notices of violation & nonconformance. MACDONALD,C.E. Transportation Branch. 90/02/09. STOBBS,J.J. Nuclear Assurance Corp. 2pp. 52679:134-52679:171.

**-9002160106** QA Insp Rept 71-0018/90-01 on 891113-16 & 1212-15.Violation & non-conformances noted.Major areas inspected:to determine whether organization established,documented & executed procedures in NRC-approved QA program. JANKOVICH,J.P., HANEY,C.T. Office of Nuclear Material Safety & Safeguards,Director. MACDONALD,C.E. Transportation Branch. 90/02/09. 30pp. 52679:136-52679:165.

**-9002160112** Notice of violation from insp on 891113-16.Violation noted: Section 206 of Energy Reorganization Act of 1974 & 10CFR21 not posted. \* Transportation Branch. 90/02/09. 1p. 52679:166-52679:166.

**-9002160114** Notice of nonconformance from insp on 891113-16 & 1212-15. Nonconformances noted:organization Document 411,Rev 0,had not been used in qualifying QA engineer as auditor. \* Transportation Branch. 90/02/09. 5pp. 52679:167-52679:171.

**DOCKET 71-0023 TENNESSEE GAS PIPELINE CO. DIV. (TENNECO, INC.)**

**9002050271** Application for renewal of QA program approval for radioactive matl package:0023. DEERS,C.J. Navy, Dept. of. 90/01/18. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52548:016-52548:016.

**DOCKET 71-0024 WESTINGHOUSE ELECTRIC CO.**

**9002120261** Responds to Insp Rept 71-0024/89-02 on 890522 for Westinghouse Radiological Svcs.Encls should be acceptable for closure of Nonconformances 1,3 & 4,Rev 8 to Procedure HNDC-0-001-3 & Rev 4 to HNDC-0-2000 withheld. MOONEY,J. Scientific Ecology Group, Inc. 90/01/25. MACDONALD,C.E. Transportation Branch. 5pp. 52630:001-52630:080.

**-9002120281** Addendum 1 to Rev 0 to WCAP-9245, "QA Program Plan for Nuclear Svcs Div." BASTIN,J.J., CHRISTOPHER,T. Westinghouse Electric Corp. 88/11/30. 72pp. 52630:007-52630:080.

**9002150063** Advises that QA program approval for radioactive matl package:0024 expires on 900331.Renewal should be requested within 30 days of expiration.If renewal not desired,NRC should be so notified. MACDONALD,C.E. Transportation Branch. 90/02/09. WALSH,P. Westinghouse Electric Corp. 1p. 52656:087-52656:087.

**DOCKET 71-0052 NAVY, DEPT. OF**

**9002220264** Forwards QA program approval for radioactive matl package: 0052,Rev 4. MACDONALD,C.E. Transportation Branch. 90/01/17. COREY,D.A. Navy, Dept. of. 1p. 52701:028-52701:029.

**-9002220266** QA program approval for radioactive matl package:0052,Rev 4. MACDONALD,C.E. Transportation Branch. 90/01/17. 1p. 52701:029-52701:029.

**DOCKET 71-0058 NAVY, DEPT. OF**

**8912200254** Application for renewal of QA program approval for radioactive matl package:0058. PECK,D.L. Navy, Dept. of. 89/12/04. Transportation Branch. 3pp. 52598:132-52598:134.

**DOCKET 71-0060 MORRISON-KNUDSEN CO., INC.**

**9002150050** Advises that QA program approval for radioactive matl package:0060 expires on 900331.Request for renewal should be submitted within 30 days of expiration.If renewal not desired,NRC should be so notified. MACDONALD,C.E. Transportation Branch. 90/02/09. Morrison-Knudsen Engineers, Inc. 1p. 52656:184-52656:184.

**DOCKET 71-0078 NUCLEAR STARTUP SERVICES**

**9002010434** Advises that Townsend & Bottum Svcs Group,Inc (formerly Nuclear Startup Svcs,Inc) does not need to renew QA program for NRC licenses. RUEGER,C.F. Townsend & Bottum, Inc. 90/01/24. MACDONALD,C.E. Transportation Branch. 1p. 52512:352-52512:352.

**9002150082** Advises that QA approval for radioactive matl package:0078 terminated,per 900124 request. MACDONALD,C.E. Transportation Branch. 90/02/09. RUEGER,C.F. Townsend & Bottum, Inc. 1p. 52656:110-52656:110.

**DOCKET 71-0079 BABCOCK & WILCOX CO.**

**9002120323** Forwards "QA Program For Use of Shipping Packages," per 10CFR71 requirements.Renewal fee for license encl. GRABER,H.C. Babcock & Wilcox Co. 90/01/31. MACDONALD,C.E. Transportation Branch. 1p. 52627:047-52627:051.

**-9002120326** "QA Program for Use of Shipping Packages." GRABER,H.C. Babcock & Wilcox Co. 90/01/31. 4pp. 52627:048-52627:051.

**DOCKET 71-0089 NAVY, DEPT. OF**

**9002070030** Application for renewal of QA program approval for radioactive matl package:0089. SMITH,R.H. Navy, Dept. of. 90/01/30. Division of Safeguards & Transportation (Post 870413). 1p. 52591:058-52591:074.

**DOCKET 71-0095 UNITED STATES TESTING CO., INC.**

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU. \* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**DOCKET 71-0114 COLBY-THIELMEIER TESTING CO.**

**9002150039** Advises that QA program approval for radioactive matl package:0114 expires on 900331.Renewal should be requested within 30 days of expiration.If renewal not desired,NRC should be so notified. MACDONALD,C.E. Transportation Branch. 90/02/09. THIELMEIER,L.F. Colby-Thielmeier Testing Co.,Inc. 1p. 52656:067-52656:067.

**DOCKET 71-0115 BABCOCK & WILCOX CO.**

**9001290203** Forwards QA program approval for radioactive matl package: 0115,Rev 4. MACDONALD,C.E. Transportation Branch. 90/01/19. LESTER,K.S. Babcock & Wilcox Co. 1p. 52472:352-52472:352.

**-9001290205** QA program approval for radioactive matl package:0115,Rev 4. MACDONALD,C.E. Transportation Branch. 90/01/19. 1p. 52472:353-52472:353.

**DOCKET 71-0154 GENERAL DYNAMICS CORP.**

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU. \* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**DOCKET 71-0159 LOCKHEED MISSILES & SPACE CO., INC.**

**9002120138** Requests amend to QA program approval for radioactive matl package 0159,to reflect designation of DP Mercado as radiation control officer & S Souza as alternate radiation control officer,effective 900101.Fee paid. FREEMAN,J. Lockheed Missiles & Space Co., Inc. 89/12/05. NRC - No Detailed Affiliation Given. 8pp. 52615:078-52615:085.

## 176 DOCKETED ITEMS

—9002120149 Requests fee for 891205 application for amend to QA program approval for radioactive matl package:0159.  
MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 90/02/05. FREEMAN,J. Lockheed Missiles & Space Co., Inc. 1p. 52615:085-52615:085.

9002090058 Application for renewal of QA program approval for radioactive matl package:0159.Fee paid.  
MERCADO,D.P. Lockheed Missiles & Space Co., Inc. 90/01/29. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52615:074-52615:074.

### DOCKET 71-0166 NEW YORK TESTING LABORATORIES, INC.

9001290297 Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

### DOCKET 71-0179 NUCLEAR CONTAINERS, INC.

9001310473 Forwards QA Insp Rept 71-0179/89-05 on 890828-30.Violations noted.  
MACDONALD,C.E. Transportation Branch. 90/01/24. HOUSHOLDER,W.R. Nuclear Containers, Inc. 3pp. 52498:164-52498:181.

—9001310486 QA Insp Rept 71-0179/89-05 on 890828-30.Violations noted. Major areas inspected to determine whether organization established,documented & executed procedures which fulfill commitments in NRC approved QA program.  
GORDON,L.L., HANEY,C. Office of Nuclear Material Safety & Safeguards,Director. MACDONALD,C.E. Transportation Branch. 90/01/23. 15pp. 52498:167-52498:181.

### DOCKET 71-0182 COMBUSTION ENGINEERING, INC.

9002150079 Advises that QA program approval for radioactive matl package:0182 expires on 900331.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/09. MCGILL,P.L. Combustion Engineering, Inc. 1p. 52656:099-52656:099.

### DOCKET 71-0231 CHEM-NUCLEAR SYSTEMS, INC.

9002160061 Responds to 891218 ltr re corrective actions taken re items of nonconformance identified in NRC 891020 ltr. Responses adequate & no addl info needed.  
MACDONALD,C.E. Transportation Branch. 90/02/01. ROSS,C.H. Chem-Nuclear Systems, Inc. 1p. 52679:199-52679:199.

### DOCKET 71-0260 ASTROTECH, INC.

9002050251 Forwards fee for renewal of QA program for radioactive matl package:0260.  
MYKYTA,L. Astrotech, Inc. 90/01/31. MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 1p. 52542:002-52542:004.

—9002050253 Requests fee for 891229 application for renewal of QA program for radioactive matl package:0260.  
MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 90/01/26. MYKYTA,L. Astrotech, Inc. 1p. 52542:003-52542:003.

—9002050256 Application for renewal of QA program approval for radioactive matl package:0260 expiring on 900131.Fee paid.  
MYKYTA,L. Astrotech, Inc. 89/12/29. MACDONALD,C.E. Transportation Branch. 1p. 52542:004-52542:004.

9002060157 Forwards QA program approval for radioactive matl package: 0260,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/31. MYKYTA,L. Astrotech, Inc. 1p. 52569:309-52569:310.

—9002060160 QA program approval for radioactive matl package:0260,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/31. 1p. 52569:310-52569:310.

### DOCKET 71-0277 ALLIED-SIGNAL, INC.

9002060358 Forwards QA program approval for radioactive matl package: 0277,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/26. BISHOP,J.C. Allied-Signal Corp. 1p. 52569:017-52569:018.

—9002060364 QA program approval for radioactive matl package:0277,Rev 3.  
MACDONALD,R. Transportation Branch. 90/01/26. 1p. 52569:018-52569:018.

### DOCKET 71-0308 ALASKA INDUSTRIAL X-RAY

9002150074 Advises that QA program approval for radioactive matl package:0308 expires on 900331.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/09. MILLAR,C.A. Alaska Industrial X-Ray, Inc. (AIX). 1p. 52658:114-52658:114.

### DOCKET 71-0319 GENERAL TESTING & INSPECTION CO.

9002060163 Forwards QA program approval for radioactive matl package: 0319,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/31. KRUEGEL,R.E. General Testing & Inspection Co. 1p. 52569:019-52569:020.

—9002060164 QA program approval for radioactive matl package:0319,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/31. 1p. 52569:020-52569:020.

### DOCKET 71-0341 ARKANSAS POWER & LIGHT CO.

9002060346 Forwards QA program approval for radioactive matl package: 0341,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/26. FISICARO,J.J. Arkansas Power & Light Co. 1p. 52555:144-52555:145.

—9002060350 QA program approval for radioactive matl package:0341,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/01/26. 2p. 52555:145-52555:145.

### DOCKET 71-0347 STONE & WEBSTER ENGINEERING CORP.

9002050264 Application for renewal of QA program approval for radioactive matl package:0347.  
CHIN,P.K.W. Stone & Webster Engineering Corp. 90/01/16. MACDONALD,C.E. Transportation Branch. 1p. 52547:254-52547:254.

### DOCKET 71-0352 NILES STEEL TANK CO.

9002150071 Advises that QA program approval for radioactive matl package:0352 expires on 900331.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/09. WOOD,J.C. Niles Steel Tank. 1p. 52656:062-52656:062.

### DOCKET 71-0358 NAVY, DEPT. OF

9002150033 Informs that QA program approval for radioactive matl package:0358 expires on 900331.Application for renewal should be submitted 30 days prior to expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/09. Navy, Dept. of. 1p. 52656:048-52656:048.

### DOCKET 71-0362 WISCONSIN PUBLIC SERVICE CORP.

9002150066 Advises that QA program approval for radioactive matl package:0362 expires on 900331.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/09. HINTZ,D.C. Wisconsin Public Service Corp. 1p. 52656:064-52656:064.

### DOCKET 71-0363 BRIGGS ENGINEERING & TESTING CO., INC.

9002150057 Advises that QA program approval for radioactive matl package:0363 expires on 900331.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/09. LOCKE,T.A. Briggs Associates, Inc. (formerly Briggs Engineering Testing, Inc.). 1p. 52656:197-52656:197.

### DOCKET 71-0384 NEW ENGLAND NUCLEAR CORP.

9001290235 Forwards fee to process application for amend to QA program for radioactive matl package:0384,in response to 900112 request.  
ROY,F.E. E.I. du Pont de Nemours & Co., Inc. 90/01/23. MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 1p. 52454:079-52454:082.

—9001290238 Requests fee for 900102 application for amend to QA program for radioactive matl package:0384.  
MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 90/01/12. ROY,F.E. E.I. du Pont de Nemours & Co., Inc. 1p. 52454:080-52454:080.

—9001290240 Application for amend to QA program approval for radioactive matl package:0384.Fee paid.  
ROY,F.E. E.I. du Pont de Nemours & Co., Inc. 90/01/02. GORDON,L. Transportation Branch. 2pp. 52454:081-52454:082.

### DOCKET 71-0524 RADIATION STERILIZERS, INC.

9002060113 Application for renewal of QA program approval for radioactive matl package:0524.Document essentially unchanged from Rev 1 dtd 850131,except for organizational updates.  
CHIN,A. Radiation Sterilizers, Inc. 90/01/22. MACDONALD,C.E. Transportation Branch. 1p. 52555:142-52555:143.

9002120095 Forwards Rev 2 to QAP-1, "QA Program for Packaging & Transportation of Radioactive Matl."  
CHIN,A. Radiation Sterilizers, Inc. 90/02/05. MACDONALD,C.E. Transportation Branch. 1p. 52615:087-52615:116.

—9002120099 Rev 2 to QAP-1, "QA Program for Packaging & Transportation of Radioactive Matl."  
CHIN,A. Radiation Sterilizers, Inc. 90/02/05. 28pp. 52615:088-52615:116.

### DOCKET 71-0525 PHILADELPHIA ELECTRIC CO.

9002010303 Application for renewal of QA program approval for radioactive matl package:0525,Rev 2 to radwaste/matl activity section of QA plan encl.  
HUNGER,G.A. Philadelphia Electric Co. 90/01/29. Office of Nuclear Material Safety & Safeguards,Director. 16pp. 52522:081-52522:096.

### DOCKET 71-0526 DETROIT EDISON

9002060167 Forwards QA program approval for radioactive matl package: 0526,Rev 1.  
MACDONALD,C.E. Transportation Branch. 90/01/31. BREGNI,L. Detroit Edison Co. 1p. 52569:318-52569:319.



-9002060170 QA program approval for radioactive matl package:0526,Rev 1.  
MACDONALD,C.E. Transportation Branch. 90/01/31. 1p. 52569:319-52569:319.

#### DOCKET 71-0529 THERAPY SERVICES

9002140085 Application for renewal of QA program approval for radioactive matl package:0529.  
FOGLE,J.L. Therapy Services, Inc. 90/01/24. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52655:217-52655:231.

-9002140091 Rev 1 to "QA Program for Procurement,Use,Maint,Repair, Shipping & Transport of NRC Approved Packages for Radioactive Matls."  
FOGLE,J.L. Therapy Services, Inc. 86/07/10. 14pp. 52655:218-52655:229.

-9002140095 Requests fee for 900124 application for renewal of QA program for radioactive matl package:0529.  
MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 90/02/05. FOGLE,J.L. Therapy Services, Inc. 1p. 52655:230-52655:230.

-9002140139 Forwards fee for processing radioactive matl shipping QA program,0529,per request.  
FOGLE,J.L. Therapy Services, Inc. 90/02/07. MESSIER,M. License Fee & Debt Collection Branch (Post 890827). 1p. 52655:231-52655:231.

#### DOCKET 71-0687 INDEPENDENT INSPECTION CORP.

9002060172 Forwards QA program approval for radioactive matl package: 0687,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/01/31. MYERS,D.L. Independent Inspection Corp. 1p. 52585:078-52585:079.

-9002060175 QA program approval for radioactive matl package:0687,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/01/31. 1p. 52585:079-52585:079.

#### DOCKET 71-0689 MANHATTAN COLLEGE, RIVERDALE, NY

9002060368 Forwards QA program approval for radioactive matl package: 0689,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/01/26. BERLIN,R.E. Manhattan College, Riverdale, NY. 1p. 52559:352-52559:353.

-9002060379 QA program approval for radioactive matl package:0689,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/01/26. 1p. 52559:353-52559:353.

#### DOCKET 71-0690 INDESERV, INC.

9001290277 Submits organizational chart for QA program,per 900116 telcon.  
LETCHWORTH,H.A. INDESERV, Inc. 90/01/17. GORDON,L. Office of Nuclear Material Safety & Safeguards,Director. 2pp. 52467:352-52467:353.

9001290080 Forwards QA program approval for radioactive matl package: 0690,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/01/19. LETCHWORTH,R. INDESERV, Inc. 1p. 52451:359-52451:360.

-9001290085 QA program approval for radioactive matl package:0690,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/01/19. 1p. 52451:360-52451:360.

#### DOCKET 71-0691 TEI ANALYTICAL SERVICES, INC.

9001310124 Application for QA program approval for radioactive matl package:0691.Registration as user of Models SPEC-2T,C-1, 6717-B,520,680,660,650 & 500 SU requested.Fee paid.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON,L. Transportation Branch. 2pp. 52530:350-52530:359.

-9001310158 Rev 0 to RSP-012, "QA Program (10CFR71)."  
WEISS,G.E., PALLARIA,B.J. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. 7pp. 52530:352-52530:358.

-9001310159 Forwards amend application fee for QA program.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. NRC - No Detailed Affiliation Given. 1p. 52530:359-52530:359.

9002120072 Forwards QA program approval for radioactive matl package: 0691,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/02/02. WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 1p. 52631:022-52631:023.

-9002120075 QA program approval for radioactive matl package:0691,Rev 0.  
MACDONALD,C.E. Transportation Branch. 90/02/02. 1p. 52631:023-52631:023.

#### DOCKET 71-0692 T&K INSPECTION

9002120332 Forwards QA program for use & maint of Type B containers for approval.Vendor not authorized & will not make repairs or mods to Type B containers.  
KAIN,K. T&K inspection. 90/01/27. Office of Nuclear Material Safety & Safeguards,Director. 11pp. 52615:221-52615:231.

#### DOCKET 71-0693 CENTERIOR SERVICE CO.

9002230339 Requests registration as user of Models 660,650,C-10, U-110A & 500SU.QA program encl.  
WALLS,H. Centerior Service Co. 90/02/23. MACDONALD Office of Nuclear Material Safety & Safeguards,Director. 1p. 52702:090-52702:093.

-9002230355 Rev 0 to Section 7.0, "QA Program For Transportation Packaging."  
\* Centerior Service Co. 90/02/23. 3pp. 52702:091-52702:093.

#### DOCKET 71-3010 MODEL: NT-IX, TRANSPORTATION, DEPT. OF

9002220667 Requests assistance in review of encl info submitted to DOT by Advanced Nuclear Fuels Corp on Model NT-IX package. Package authorized by Japanese Competent Authority to contain U oxides.  
WANGLE,M.E. Transportation, Dept. of. 90/02/14. MACDONALD,C.E. Transportation Branch. 312pp. 52670:097-52671:048.

#### DOCKET 71-3011 MODEL: TNB 0145, TRANSPORTATION, DEPT. OF

9002220200 Requests assistance & recommendations in review of encl info submitted to DOT by Transnubel of Belgium re Model TNB 0145. Branch has recently been advised by Canada that package critically evaluation may not be adequate.  
WANGLE,M.E. Transportation, Dept. of. 90/02/14. MACDONALD,C.E. Transportation Branch. 335pp. 52671:191-52672:165.

-9002270142 Rev 3 to "Model of Package TNB 0145 Type B(U),Fissile Class II," safety rept.  
\* Belgium, Govt. of. TNB 8903-02 R03. 89/03/10. 61pp. 52671:289-52671:349.

-9002270147 Rev 1 to "Model of Package TNB 0145," safety rept.  
\* Belgium, Govt. of. TNB 8903-01 R01. 89/03/10. 176pp. 52671:350-52672:165.

#### DOCKET 71-4949 MODEL: UNC-1484, UNITED NUCLEAR CORP.

9002090049 Withdraws 890906 application for renewal of Certificate of Compliance 5754.Desire of Withey not to become holder of Certificate of Compliance 4949 if United Nuclear Corp decides not to pursue renewal of subj certificate noted.  
DROKE,R.P. Nuclear Fuel Services, Inc. 90/01/31. MACDONALD,C.E. Transportation Branch. 1p. 52608:045-52608:045.

#### DOCKET 71-5341 MODEL: NFP-55, BABCOCK & WILCOX CO.

9002220219 Requests addl 90 days over time specified in NRC 891219,1129 & 1221 ltrs to develop consolidated applications for renewal of Certificates of Compliances 5341,6357 & 5910.  
OLSEN,A.F. Babcock & Wilcox Co. 90/02/16. MACDONALD,C.E. Transportation Branch. 1p. 52678:317-52678:317.

#### DOCKET 71-5517 MODEL: BB-250-1, NUCLEAR FUEL SERVICES, INC.

9001290242 Application for renewal of Certificate of Compliance 5517 for Model BB 250-1.Fee paid.  
DROKE,R.P. Nuclear Fuel Services, Inc. 90/01/12. MACDONALD,C.E. Transportation Branch. 1p. 52469:098-52469:098.

#### DOCKET 71-5754 MODEL: RMG-172, NUCLEAR FUEL SERVICES, INC.

9002090049 Withdraws 890906 application for renewal of Certificate of Compliance 5754.Desire of Withey not to become holder of Certificate of Compliance 4949 if United Nuclear Corp decides not to pursue renewal of subj certificate noted.  
DROKE,R.P. Nuclear Fuel Services, Inc. 90/01/31. MACDONALD,C.E. Transportation Branch. 1p. 52608:045-52608:045.

#### DOCKET 71-5910 MODEL: NNFD-SA-2, BABCOCK & WILCOX CO.

9002220219 Requests addl 90 days over time specified in NRC 891219,1129 & 1221 ltrs to develop consolidated applications for renewal of Certificates of Compliances 5341,6357 & 5910.  
OLSEN,A.F. Babcock & Wilcox Co. 90/02/16. MACDONALD,C.E. Transportation Branch. 1p. 52678:317-52678:317.

#### DOCKET 71-5971 MODEL: 200, GENERAL ELECTRIC CO.

9002130106 Forwards requests for addl info re 891229 request for amend to Certificate of Compliance 5971 for Model IP0-200 cask. NRC should be advised within 30 days when info requested will be provided.  
MACDONALD,C.E. Transportation Branch. 90/02/05. CUNNINGHAM,G.E. General Electric Co. 2pp. 52646:038-52646:039.

#### DOCKET 71-5980 MODEL: GE-600, GENERAL ELECTRIC CO.

9002070007 Advises that Certificate of Compliance 5980 for Model GE-600 packaging expires on 900331.Application for renewal expected within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/01/31. CUNNINGHAM,G.E. General Electric Co. 1p. 52604:205-52604:205.

#### DOCKET 71-5984 MODEL: 5984, J.L. SHEPHERD & ASSOCIATES

9002060351 Advises that Certificate of Compliance 5984 for Model 5984 expires on 900331.Application for renewal of certificate should be submitted within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/01/31. SHEPHERD,J.L. J.L. Shepherd & Associates. 1p. 52555:254-52555:254.

9002150197 Forwards operating procedures,maint programs & acceptance tests,per 900131 ltr.Additions meet requirements of 10CFR71, Subpart G.  
SHEPHERD,M.F. J.L. Shepherd & Associates. 90/02/12. MACDONALD,C.E. Transportation Branch. 34pp. 52656:115-52656:148.

## 178 DOCKETED ITEMS

### DOCKET 71-6003 MODEL: M-130, ENERGY, DEPT. OF

9002070037 Forwards Certificate of Compliance 6003, Rev 12 for Model M-130, per 890329 application. Certificate supercedes in entirety Certificate of Compliance 6003, Rev 11, dtd 891019.  
MACDONALD, C.E. Transportation Branch. 90/01/31. ENGEL, W.P. Energy, Dept. of. 1p. 52604:238-52604:246.

-9002070039 Certificate of Compliance 6003, Rev 12, for Model M-130 shipping container.  
MACDONALD, C.E. Transportation Branch. 90/01/31. 8pp. 52604:239-52604:246.

### DOCKET 71-6144 MODEL: B-2, U.S. ECOLOGY, INC.

9002220192 Requests that 891206 application for renewal of Certificate of Compliance 6144 for Model B-2 package be revised to include listed info.  
MACDONALD, C.E. Transportation Branch. 90/02/09. CRASE, A. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 1p. 52673:276-52673:276.

### DOCKET 71-6280 MODEL: A-0109, J.L. SHEPHERD & ASSOCIATES

9002060292 Forwards operating procedures, maint programs & acceptance tests to be added to 891122 submittal re Certificate of Compliance.  
SHEPHERD, M.F. J.L. Shepherd & Associates. 90/02/02. MACDONALD, C.E. Transportation Branch. 7pp. 52555:297-52555:303.

9002220309 Advises that Certificate of Compliance 6280 for Model A-0109 package not deemed expired until application determined.  
MACDONALD, C.E. Transportation Branch. 90/02/09. SHEPHERD, J.L. J.L. Shepherd & Associates. 1p. 52595:304-52595:304.

### DOCKET 71-6294 MODEL: UNC-2901, COMBUSTION ENGINEERING, INC.

9002220252 Requests temporary suspension of review of amend request for Certificate of Compliance 6294, C-E determined that mod of design necessary.  
SCHERER, A.E. Combustion Engineering, Inc. 90/02/14. MACDONALD, C.E. Transportation Branch. 2pp. 52700:359-52700:360.

### DOCKET 71-6346 MODEL: FSV-1 & FSV-1A, PUBLIC SERVICE CO. OF COLORADO

9001290271 Application for rev to Certificate of Compliance 6346 for Model FSV-1/FSV-1A cask, specifying that each of six fuel elements have max quantity of 1.4 kg U. Fee paid.  
BREY, H.L. Public Service Co. of Colorado. 90/01/16. MACDONALD, C.E. Transportation Branch. 8pp. 52469:336-52469:343.

9002130228 Forwards Rev 20 to Certificate of Compliance 6346 for Models FSV-1 & FSV-1A, per 891113 request.  
MACDONALD, C.E. Transportation Branch. 90/02/05. BREY, H.L. Public Service Co. of Colorado. 1p. 52644:321-52644:326.

-9002130230 Certificate of Compliance 6346, Rev 20, for Models FSV-1 & FSV-1A.  
MACDONALD, C.E. Transportation Branch. 90/02/05. 5pp. 52644:322-52644:326.

### DOCKET 71-6347 MODEL: FSV-3, GA TECHNOLOGIES, INC.

9002160078 Requests registration as user of GA Technologies, Inc Model FSV-3 under Certificate of Compliance 6347.  
LEONARD, J.F. Energy, Dept. of. 90/02/14. MACDONALD, C.E. Transportation Branch. 1p. 52679:098-52679:098.

### DOCKET 71-6357 MODEL: NNFD-10, BABCOCK & WILCOX CO.

9002220219 Requests addl 90 days over time specified in NRC 891219, 1129 & 1221 ltrs to develop consolidated applications for renewal of Certificates of Compliance 5341, 6357 & 5910.  
OLSEN, A.F. Babcock & Wilcox Co. 90/02/16. MACDONALD, C.E. Transportation Branch. 1p. 52678:317-52678:317.

### DOCKET 71-6697 MODEL: GE-8500, ENERGY, DEPT. OF

9002010431 Application for renewal of Certificate of Compliance 6697 for Model GE-8500.  
LEONARD, J.F. Energy, Dept. of. 90/01/31. MACDONALD, C.E. Transportation Branch. 2pp. 52521:315-52521:316.

### DOCKET 71-6717 MODEL: 6717-B, AMERSHAM CORP.

9001290297 Requests registration as user of Models 660 & 683 Gamma Industries Century S, Century SA, SPEC-2T, Gulf Model 20V, Technical Operations Models 650, 750, Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

9001310124 Application for QA program approval for radioactive matl package: 0691. Registration as user of Models SPEC-2T, C-1, 6717-B, 520, 680, 660, 650 & 500 SU requested. Fee paid.  
WEISS, G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON, L. Transportation Branch. 2pp. 52530:350-52530:359.

9002090041 Requests registration as user of Type B radioactive matls package, Design Certificate USA/6717/B(U), Rev 2.  
GIBSON, H.W. H & G Inspection Co., Inc. 90/01/28. MACDONALD, C.E. Transportation Branch. 1p. 52599:074-52599:074.

9002220716 Advises of termination of review of 891103 application requesting amend to Certificate of Compliance 6717. Weight increase for package w/o specifying contents in more detail & demonstrating compliance w/10CFR71 inappropriate.  
MACDONALD, C.E. Transportation Branch. 90/02/09. ROUGHAN, C. Amersham Corp. 1p. 52683:360-52683:360.

9002230339 Requests registration as user of Models 660, 650, C-10, U-110A & 500SU. QA program encl.  
WALLS, H. Centenior Service Co. 90/02/23. MACDONALD Office of Nuclear Material Safety & Safeguards, Director. 1p. 52702:090-52702:093.

-9002230355 Rev 0 to Section 7.0, "QA Program For Transportation Packaging."  
\* Centenior Service Co. 90/02/23. 3pp. 52702:091-52702:093.

### DOCKET 71-6745 MODEL: FSV-2, GA TECHNOLOGIES, INC.

9001290248 Application for renewal of Certificate of Compliance 6745 for Model FSV-2. Fee paid.  
ASMUSSEN, K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 90/01/16. MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52469:345-52469:345.

### DOCKET 71-9001 MODEL: IF-300, PACIFIC NUCLEAR SYSTEMS, INC.

9002050310 Summary of 900117 meeting w/Carolina Power & Light & Pacific Nuclear re Model IF-300 package & fuel basket. Pacific Nuclear expects to submit application for modified basket in Mar 1990.  
GARDES, G.H. Transportation Branch. 90/01/18. Transportation Branch. 1p. 52541:039-52541:039.

### DOCKET 71-9006 MODEL: AI 500 SU, AMERSHAM CORP.

9001300112 Notification of registration as user of Certificates of Compliance 9006, 9007, 9027, 9032, 9033, 9035, 9107 & 9148.  
MACDONALD, C.E. Transportation Branch. 90/01/19. GRASHAW, T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

9001290297 Requests registration as user of Models 660 & 683 Gamma Industries Century S, Century SA, SPEC-2T, Gulf Model 20V, Technical Operations Models 650, 750, Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

9001310124 Application for QA program approval for radioactive matl package: 0691. Registration as user of Models SPEC-2T, C-1, 6717-B, 520, 680, 660, 650 & 500 SU requested. Fee paid.  
WEISS, G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON, L. Transportation Branch. 2pp. 52530:350-52530:359.

9002230339 Requests registration as user of Models 660, 650, C-10, U-110A & 500SU. QA program encl.  
WALLS, H. Centenior Service Co. 90/02/23. MACDONALD Office of Nuclear Material Safety & Safeguards, Director. 1p. 52702:090-52702:093.

-9002230355 Rev 0 to Section 7.0, "QA Program For Transportation Packaging."  
\* Centenior Service Co. 90/02/23. 3pp. 52702:091-52702:093.

### DOCKET 71-9007 MODEL: 520, TECH/OPS, INC.

9001300112 Notification of registration as user of Certificates of Compliance 9006, 9007, 9027, 9032, 9033, 9035, 9107 & 9148.  
MACDONALD, C.E. Transportation Branch. 90/01/19. GRASHAW, T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

9002080220 Advises that licensee registered as user of Certificates of Compliance 9007, 9036, 9056 & 9135, per 900103 request.  
MACDONALD, C.E. Transportation Branch. 90/01/25. COBBAN, W.S. Basin Testing Laboratory, Inc., dba Basin Services, Inc. 1p. 52557:006-52557:006.

9001310124 Application for QA program approval for radioactive matl package: 0691. Registration as user of Models SPEC-2T, C-1, 6717-B, 520, 680, 660, 650 & 500 SU requested. Fee paid.  
WEISS, G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON, L. Transportation Branch. 2pp. 52530:350-52530:359.

9002120310 Requests mod to registration to incorporate listed packages & informs that revised list deletes packages USA/9007/B & USA/9110/B & adds USA/9133/B(U), USA/9165/B(U), USA/9166/B(U) & USA/9187/B(U).  
BANFIELD, E.L. MQS Inspection, Inc. (formerly Magnaflex Corp.). 90/02/02. MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52630:154-52630:155.

9002270139 Notification of registration as user of Certificates of Compliance 9133, 9165, 9166, 9187 & deletion as user of Certificate of Compliance 9007. Certificate of Compliance 9110 expired & no further action required.  
MACDONALD, C.E. Transportation Branch. 90/02/21. BANFIELD, E.L. MQS Inspection, Inc. (formerly Magnaflex Corp.). 1p. 52759:279-52759:279.

### DOCKET 71-9010 MODEL: NLI-1/2, NUCLEAR ASSURANCE CORP.

9002090081 Application for amend to Certificate of Compliance 9010 for Model NLI-1/2, authorizing shipment of up to 25 PWR rods w/max enrichment of 4.9 weight percent & max burnup of 60,000 MWD/MTU. Fee paid.  
WELLS, A.H. Nuclear Assurance Corp. 90/02/08. MACDONALD, C.E. Transportation Branch. 15pp. 52598:053-52598:067.

**DOCKET 71-9019 MODEL: BU-7, GENERAL ELECTRIC CO.**

**9001310471** Application for amend to Certificate of Compliance 9019 for Model BU-7,authorizing use of alternate spec for gasket matl used on BU-7 shipping container.Fee paid.  
WINSLOW,T.P. General Electric Co. 90/01/26. MACDONALD,C.E. Transportation Branch. App. 52498:103-52498:106.

**9002150181** Forwards Licensing Drawing 112D1592,Rev 9,for Model BU-7 shipping container,per 900214 telcon.Licensee also reconfirms position that submerged bubble pressure test clearly identified as test prior to first use of packaging.  
FOLCK,R.H. General Electric Co. 90/02/14. MACDONALD,C.E. Transportation Branch. 3pp. 52658:009-52658:011.

**DOCKET 71-9027 MODEL: 741 & 741E, AMERSHAM CORP.**

**9001300112** Notification of registration as user of Certificates of Compliance 9006,9007,9027,9032,9033,9035,9107 & 9148.  
MACDONALD,C.E. Transportation Branch. 90/01/19. GRASHAW,T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

**9002220122** Requests addl info re 890822 application for renewal of Certificate of Compliance 9027 for Models 741 & 741E.  
MACDONALD,C.E. Transportation Branch. 90/02/09. ROUGHAN,C.M. Amersham Corp. 1p. 52673:262-52673:262.

**DOCKET 71-9032 MODEL: 650, AMERSHAM CORP.**

**9001310429** Requests registration as user of Models 650 & 660 under Certificates of Compliance 9032 & 9033,respectively.  
MALINOSKI,J.W. Navy, Dept. of. 90/01/12. Transportation Branch. 1p. 52502:354-52502:354.

**9001310463** Requests rev to NRC 891219 ltr to specify Shore Intermediate Maint Activity in Norfolk,VA as applicable registered user.  
MALINOSKI,J.W. Navy, Dept. of. 90/01/18. Transportation Branch. 1p. 52498:109-52498:109.

**9001290332** Notification of registration of USS CANOPUS as user of Certificates of Compliance 9032 & 9033,per 900105 request.  
MACDONALD,C.E. Transportation Branch. 90/01/19. MALINOSKI,J.W. Navy, Dept. of. 1p. 52469:344-52469:344.

**9001300112** Notification of registration as user of Certificates of Compliance 9006,9007,9027,9032,9033,9035,9107 & 9148.  
MACDONALD,C.E. Transportation Branch. 90/01/19. GRASHAW,T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002050269** Requests registration as user of Amersham Models 650,660 & 660E under Certificates of Compliance 9032 & 9033.  
MARTIN,G.W. Fewell Geotechnical Engineering, Ltd. 90/01/25. MACDONALD,C.E. Transportation Branch. 1p. 52547:261-52547:261.

**9002130141** Requests registration as user of Tech/Ops,Inc Model 650 under Certificate of Compliance 9032.  
BOANA,J.R. Georgia Power Co. 90/01/25. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52645:342-52645:342.

**9001310124** Application for QA program approval for radioactive matl package:0691.Registration as user of Models SPEC-2T,C-1, 6717-B,520,680,660,650 & 500 SU requested.Fee paid.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON,L. Transportation Branch. 2pp. 52530:350-52530:359.

**9002120366** Advises of listed NRC certified packages used by licensee, per TE Hill 891211 ltr concerning general license provisions for licensees using NRC approved packages.  
BAILEY,R. Delta Air Lines, Inc. 90/01/29. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52626:358-52626:358.

**9002120301** Requests registration as user of Amersham Models 650 & 660 under Certificates of Compliance 9032 & 9033.  
SMITH,L. Senior Green, Inc. 90/02/05. MACDONALD,C.E. Transportation Branch. 1p. 52630:081-52630:081.

**9002230339** Requests registration as user of Models 660,650,C-10, U-110A & 500SU,QA program encl.  
WALLS,H. Centor Service Co. 90/02/23. MACDONALD Office of Nuclear Material Safety & Safeguards,Director. 1p. 52702:090-52702:093.

—**9002230355** Rev 0 to Section 7.0. "QA Program For Transportation Packaging."  
\* Centor Service Co. 90/02/23. 3pp. 52702:091-52702:093.

**DOCKET 71-9033 MODEL: 660 & 660E, AMERSHAM CORP.**

**9001310429** Requests registration as user of Models 650 & 660 under Certificates of Compliance 9032 & 9033,respectively.  
MALINOSKI,J.W. Navy, Dept. of. 90/01/12. Transportation Branch. 1p. 52502:354-52502:354.

**9001310463** Requests rev to NRC 891219 ltr to specify Shore Intermediate Maint Activity in Norfolk,VA as applicable registered user.  
MALINOSKI,J.W. Navy, Dept. of. 90/01/18. Transportation Branch. 1p. 52498:109-52498:109.

**9001290332** Notification of registration of USS CANOPUS as user of Certificates of Compliance 9032 & 9033,per 900105 request.  
MACDONALD,C.E. Transportation Branch. 90/01/19. MALINOSKI,J.W. Navy, Dept. of. 1p. 52469:344-52469:344.

**9001300112** Notification of registration as user of Certificates of Compliance 9006,9007,9027,9032,9033,9035,9107 & 9148.  
MACDONALD,C.E. Transportation Branch. 90/01/19. GRASHAW,T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

**9001310417** Requests registration as user of Amersham/Tech/Ops Model 660 under Certificate of Compliance 9033.  
GREGORY,R.K. General Dynamics Corp. 90/01/19. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52504:134-52504:134.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002050269** Requests registration as user of Amersham Models 650,660 & 660E under Certificates of Compliance 9032 & 9033.  
MARTIN,G.W. Fewell Geotechnical Engineering, Ltd. 90/01/25. MACDONALD,C.E. Transportation Branch. 1p. 52547:261-52547:261.

**9002130145** Requests registration as user of Tech/Ops,Inc Model 660 under terms of Certificate of Compliance 9033.  
BOANA,J.R. Georgia Power Co. 90/01/25. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52645:343-52645:343.

**9001310124** Application for QA program approval for radioactive matl package:0691.Registration as user of Models SPEC-2T,C-1, 6717-B,520,680,660,650 & 500 SU requested.Fee paid.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON,L. Transportation Branch. 2pp. 52530:350-52530:359.

**9002120366** Advises of listed NRC certified packages used by licensee, per TE Hill 891211 ltr concerning general license provisions for licensees using NRC approved packages.  
BAILEY,R. Delta Air Lines, Inc. 90/01/29. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52626:358-52626:358.

**9002120301** Requests registration as user of Amersham Models 650 & 660 under Certificates of Compliance 9032 & 9033.  
SMITH,L. Senior Green, Inc. 90/02/05. MACDONALD,C.E. Transportation Branch. 1p. 52630:081-52630:081.

**9002230339** Requests registration as user of Models 660,650,C-10, U-110A & 500SU,QA program encl.  
WALLS,H. Centor Service Co. 90/02/23. MACDONALD Office of Nuclear Material Safety & Safeguards,Director. 1p. 52702:090-52702:093.

—**9002230355** Rev 0 to Section 7.0. "QA Program For Transportation Packaging."  
\* Centor Service Co. 90/02/23. 3pp. 52702:091-52702:093.

**DOCKET 71-9034 MODEL: TRIGA-1, GA TECHNOLOGIES, INC.**

**9001290253** Application for renewal of Certificate of Compliance 9034 for Model TRIGA-2.Fee paid.  
AMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 90/01/16. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52467:347-52467:347.

**DOCKET 71-9035 MODEL: 680 & 680E, TECH/OPS, INC.**

**9001300112** Notification of registration as user of Certificates of Compliance 9006,9007,9027,9032,9033,9035,9107 & 9148.  
MACDONALD,C.E. Transportation Branch. 90/01/19. GRASHAW,T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

**9001310124** Application for QA program approval for radioactive matl package:0691.Registration as user of Models SPEC-2T,C-1, 6717-B,520,680,660,650 & 500 SU requested.Fee paid.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON,L. Transportation Branch. 2pp. 52530:350-52530:359.

**DOCKET 71-9036 MODEL: C-1, SOURCE PRODUCTION & EQUIPMENT CO., INC.**

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002060114** Notification of registration as user of Certificates of Compliance 9036,9056 & 9135,per 900113 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. BARNETT,L. Barnett Industrial X-Ray. 1p. 52555:141-52555:141.

**9002060127** Advises that no action necessary re registration as user of Certificates of Compliance 9036 & 9056.  
MACDONALD,C.E. Transportation Branch. 90/01/25. PLUMSTEAD,R.F. Lucius Pitkin, Inc. 1p. 52558:027-52558:027.

**9002060220** Advises that licensee registered as user of Certificates of Compliance 9007,9036,9056 & 9135,per 900103 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. COBBAN,W.S. Basin Testing Laboratory, Inc., dba Basin Services, Inc. 1p. 52557:006-52557:006.

**9001310124** Application for QA program approval for radioactive matl package:0691.Registration as user of Models SPEC-2T,C-1, 6717-B,520,680,660,650 & 500 SU requested.Fee paid.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON,L. Transportation Branch. 2pp. 52530:350-52530:359.

## 180 DOCKETED ITEMS

**9002230339** Requests registration as user of Models 660,650,C-10, U-110A & 500SU,QA program encl.  
WALLS,H. Centorior Service Co. 90/02/23. MACDONALD Office of Nuclear Material Safety & Safeguards,Director. 1p. 52702:090-52702:093.

**-9002230355** Rev 0 to Section 7.0, "QA Program For Transportation Packaging."  
\* Centorior Service Co. 90/02/23. 3pp. 52702:091-52702:093.

### DOCKET 71-9037 MODEL: TRIGA-2, GA TECHNOLOGIES, INC.

**9001290255** Application for renewal of Certificate of Compliance 9037 for Model TRIGA-1 for transportation of radioactive mats until 950228.Fee paid.  
ASMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 90/01/16. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52472:359-52472:359.

### DOCKET 71-9053 MODEL: 683, TECH/OPS, INC.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

### DOCKET 71-9056 MODEL: SPEC 2-T, SOURCE PRODUCTION & EQUIPMENT CO.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002060114** Notification of registration as user of Certificates of Compliance 9036,9056 & 9135,per 900113 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. BARNETT,L. Barnett Industrial X-Ray. 1p. 52555:141-52555:141.

**9002060127** Advises that no action necessary re registration as user of Certificates of Compliance 9036 & 9056.  
MACDONALD,C.E. Transportation Branch. 90/01/25. PLUMSTEAD,R.F. Lucius Pitkin, Inc. 1p. 52558:027-52558:027.

**9002060220** Advises that licensee registered as user of Certificates of Compliance 9007,9036,9056 & 9135,per 900103 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. COBBAN,W.S. Basin Testing Laboratory, Inc., dba Basin Services, Inc. 1p. 52557:006-52557:006.

**9001310124** Application for QA program approval for radioactive matl package:0691.Registration as user of Models SPEC-2T,C-1, 6717-B,520,680,660,650 & 500 SU requested.Fee paid.  
WEISS,G.E. TEI Analytical Services, Inc. (formerly Trans-Eastern Inspection, Inc.). 90/01/26. GORDON,L. Transportation Branch. 2pp. 52530:350-52530:359.

### DOCKET 71-9079 MODEL: NUPAC 14D-2.0, NUCLEAR PACKAGING, INC.

**9002120173** Requests registration as user of NUPAC 14D-2.0 radioactive mats shipping cask under Certificate of Compliance 9079.  
KAPLAN,A. Cleveland Electric Illuminating Co. 90/02/06. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52617:206-52617:206.

### DOCKET 71-9107 MODEL: 771, AMERSHAM CORP.

**9001300112** Notification of registration as user of Certificates of Compliance 9006,9007,9027,9032,9033,9035,9107 & 9148.  
MACDONALD,C.E. Transportation Branch. 90/01/19. GRASHAW,T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

### DOCKET 71-9160 MODEL: MX-IC-100, MAGNAFLUX CORP.

to registration to incorporate listed packages & informs that  
adds USA/9007/B & USA/9110/B & adds USA/9133/

9/02/02.  
for. 2pp.

Compliance  
Certificate

3 Inspec-

### DOCKET 71-9121 MODEL: 1.25 INCH LEAD, PROTECTIVE PACKAGING, INC.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

### DOCKET 71-9127 MODEL: 100, 100A, 200 & 200A, AMERSHAM CORP.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

### DOCKET 71-9128 MODEL: C-8, AMERSHAM CORP.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002130325** Forwards descriptive assembly drawing in support of renewal application for Certificate of Compliance 9128 for Model C-8 type B(U) package.  
ROUGHAN,C.M. Amersham Corp. 90/02/08. LINDNER,C. Transportation Branch. 2pp. 52646:240-52646:241.

### DOCKET 71-9133 MODEL: C-10, AMERSHAM CORP.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002120310** Requests mod to registration to incorporate listed packages & informs that revised list deletes packages USA/9007/B & USA/9110/B & adds USA/9133/B(U),USA/9165/B(U),USA/9166/B(U) & USA/9187/B(U).  
BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 90/02/02. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 2pp. 52630:154-52630:155.

**9002270139** Notification of registration as user of Certificates of Compliance 9133,9165,9166,9187 & deletion as user of Certificate of Compliance 9007.Certificate of Compliance 9110 expired & no further action required.  
MACDONALD,C.E. Transportation Branch. 90/02/21. BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 1p. 52759:279-52759:279.

### DOCKET 71-9135 MODEL: CENTURY S & SA, CENTURY UNIVERSAL S & SA,

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002060114** Notification of registration as user of Certificates of Compliance 9036,9056 & 9135,per 900113 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. BARNETT,L. Barnett Industrial X-Ray. 1p. 52555:141-52555:141.

**9002060220** Advises that licensee registered as user of Certificates of Compliance 9007,9036,9056 & 9135,per 900103 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. COBBAN,W.S. Basin Testing Laboratory, Inc., dba Basin Services, Inc. 1p. 52557:006-52557:006.

### DOCKET 71-9137 MODEL: 820, AMERSHAM CORP.

**9002220317** Requests rev of 890822 application for renewal of Certificate of Compliance 9137 for Model 820 package. Application should be revised to provide sufficient info on operating procedures & maint programs for package.  
MACDONALD,C.E. Transportation Branch. 90/02/09. ROUGHAN,C. Amersham Corp. 1p. 52690:027-52690:027.

### DOCKET 71-9148 MODEL: 770, AMERSHAM CORP.

**9001300112** Notification of registration as user of Certificates of Compliance 9006,9007,9027,9032,9033,9035,9107 & 9148.  
MACDONALD,C.E. Transportation Branch. 90/01/19. GRASHAW,T.D. Allied Inspection Services, Inc. 1p. 52490:219-52490:219.

### DOCKET 71-9160 MODEL: 20-VS & 40-VS, AMERSHAM CORP.

**9001290297** Requests registration as user of Models 660 & 683 Gamma Industries Century S,Century SA,SPEC-2T,Gulf Model 20V, Technical Operations Models 650,750,Gamma Industries C-10, SPEC-C1 & Gulf Nuclear Models U-110 & 500SU.  
\* Western X-Ray, Inc. 90/01/23. NRC - No Detailed Affiliation Given. 3pp. 52467:344-52467:346.

**9002050261** Forwards revised operating procedures,acceptance tests & maint programs for Models 20-VS & 40-VS to enable renewal of Certificate 9160.  
BAKER,B.W. Amersham Corp. 90/01/24. WITHEE,C. Transportation Branch. 5pp. 52541:354-52541:358.

### DOCKET 71-9165 MODEL: 855, AMERSHAM CORP.

**9002120310** Requests mod to registration to incorporate listed packages & informs that revised list deletes packages USA/9007/B & USA/9110/B & adds USA/9133/B(U),USA/9165/B(U),USA/9166/B(U) & USA/9187/B(U).  
BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 90/02/02. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 2pp. 52630:154-52630:155.



**9002270139** Notification of registration as user of Certificates of Compliance 9133,9165,9166,9187 & deletion as user of Certificate of Compliance 9007.Certificate of Compliance 9110 expired & no further action required.  
MACDONALD,C.E. Transportation Branch. 90/02/21. BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 1p. 52759:279-52759:279.

**DOCKET 71-9166 MODEL: 864, AMERSHAM CORP.**

**9002120310** Requests mod to registration to incorporate listed packages & informs that revised list deletes packages USA/9007/B & USA/9110/B & adds USA/9133/B(U),USA/9165/B(U),USA/9166/B(U) & USA/9187/B(U).  
BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 90/02/02. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 2pp. 52630:154-52630:155.

**9002270139** Notification of registration as user of Certificates of Compliance 9133,9165,9166,9187 & deletion as user of Certificate of Compliance 9007.Certificate of Compliance 9110 expired & no further action required.  
MACDONALD,C.E. Transportation Branch. 90/02/21. BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 1p. 52759:279-52759:279.

**DOCKET 71-9168 MODEL: CNS 8-120B, CHEM-NUCLEAR SYSTEMS, INC.**

**9002060354** Advises that Certificate of Compliance 9168 for Model CNS 8-120B expires on 900331.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/01/31. KINTNER,S. Chem-Nuclear Systems, Inc. 1p. 52559:298-52559:298.

**DOCKET 71-9183 MODEL: NAC-1, NUCLEAR ASSURANCE CORP.**

**9002010356** Application for amend to NAC-1/NFS-4 cask,Certificate of Compliance 9183,Rev 9,to update design of cask basket & containers for failed metallic fuel rods.W/four oversize proprietary drawings.Drawings withheld.  
WELLS,A.H. Nuclear Assurance Corp. 90/01/29. MACDONALD,C.E. Transportation Branch. 3pp. 52539:101-52539:103.

**DOCKET 71-9187 MODEL: 865, AMERSHAM CORP.**

**9002120310** Requests mod to registration to incorporate listed packages & informs that revised list deletes packages USA/9007/B & USA/9110/B & adds USA/9133/B(U),USA/9165/B(U),USA/9166/B(U) & USA/9187/B(U).  
BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 90/02/02. MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards,Director. 2pp. 52630:154-52630:155.

**9002270139** Notification of registration as user of Certificates of Compliance 9133,9165,9166,9187 & deletion as user of Certificate of Compliance 9007.Certificate of Compliance 9110 expired & no further action required.  
MACDONALD,C.E. Transportation Branch. 90/02/21. BANFIELD,E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 1p. 52759:279-52759:279.

**DOCKET 71-9196 MODEL: UX-30, NUCLEAR PACKAGING, INC.**

**9002130211** Forwards Rev 2 to Certificate of Compliance 9196 for Model UX-30 shipping package,per 891122 request.DOE registered as user of package under general license provisions of 49CFR173.471.  
MACDONALD,C.E. Transportation Branch. 90/02/02. PORTER,S. Nuclear Packaging, Inc. 2pp. 52647:316-52647:320.

**-9002130216** Certificate of Compliance 9196,Rev 2,for Model UX-30. Approval record end.  
MACDONALD,C.E. Transportation Branch. 90/02/02. 3pp. 52647:318-52647:320.

**DOCKET 71-9208 MODEL: NUPAC 10-142, NUCLEAR PACKAGING, INC.**

**9001290329** Notification of registration as user of Certificates of Compliance 9208 & 9222,per 900104 request.  
MACDONALD,C.E. Transportation Branch. 90/01/19. ACOSTA,R.J. Florida Power & Light Co. 1p. 52469:346-52469:346.

**DOCKET 71-9216 MODEL: CNS 1-13G, CHEM-NUCLEAR SYSTEMS, INC.**

**9001290226** Requests registration as user of CNSI 1-13G radioactive matls shipping cask under Certificate of Compliance 9216.  
MILLER,D.B. Connecticut Yankee Atomic Power Co. 90/01/09. MACDONALD,C.E. Transportation Branch. 1p. 52472:358-52472:358.

**9002060132** Notification of registration as user of Certificate of Compliance 9216,per 900109 request.  
MACDONALD,C.E. Transportation Branch. 90/01/25. MILLER,D.B. Connecticut Yankee Atomic Power Co. 1p. 52555:140-52555:140.

**DOCKET 71-9217 MODEL: ANF-250, ADVANCED NUCLEAR FUELS CORP.**

**9002060206** Forwards Rev 0 to Certificate of Compliance 9217 for Model ANF-250.Approval per 49CFR173.471.  
MACDONALD,C.E. Transportation Branch. 90/01/26. GERRALD,L.D. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.). 1p. 52561:285-52561:285.

**-9002060209** Certificate of Compliance 9217,Rev 0,for Model ANF-250.  
MACDONALD,C.E. Transportation Branch. 90/01/26. 3pp. 52561:286-52561:288.

**-9002060211** Safety evaluation approving Rev 0 to Certificate of Compliance 9217 for Model ANF-250.  
MACDONALD,C.E. Transportation Branch. 90/01/26. 11pp. 52561:289-52561:299.

**DOCKET 71-9222 MODEL: HN-215H, WESTINGHOUSE HITTMAN NUCLEAR, INC.**

**9001290329** Notification of registration as user of Certificates of Compliance 9208 & 9222,per 900104 request.  
MACDONALD,C.E. Transportation Branch. 90/01/19. ACOSTA,R.J. Florida Power & Light Co. 1p. 52469:346-52469:346.

**DOCKET 71-9224 MODEL: HN-190-2, WESTINGHOUSE HITTMAN NUCLEAR, INC.**

**9002090061** Requests registration as user of Model HN-190-2 radioactive matls shipping cask.  
KEISER,H.W. Pennsylvania Power & Light Co. 90/02/02. MACDONALD,C.E. Transportation Branch. 1p. 52599:068-52599:068.

**DOCKET 71-9225 MODEL: NAC-LWT, NUCLEAR ASSURANCE CORP.**

**9001310441** Ack receipt of 891226 ltr & confirms shipment of NAC-LWT Cask Units 2,3, 4 & 5 have been placed on hold status, pending resolution of interpretation of certain weld radiographs.  
STOBBS,J.J. Nuclear Assurance Corp. 90/01/08. MACDONALD,C.E. Transportation Branch. 1p. 52504:005-52504:005.

**DOCKET 71-9228 MODEL: 2000, GENERAL ELECTRIC CO.**

**9001310453** Forwards summary of radiography insps of welds on Model 2000 toroids,per 900129 telcon.  
CHERB,J.H. General Electric Co. 90/01/29. JANKOVICH,J.P. Division of Safeguards & Transportation (Post 870413). 21pp. 52497:174-52497:194.

**DOCKET 71-9233 MODEL: TN-RAM, TRANSNUCLEAR, INC.**

**9001300443** Forwards nonproprietary Drawing 990-709,Rev 0 entitled,"TN- Ram Packaging Impact Limiter Attachment Bolt." for placement in PDR.  
NEIDER,T.J. Transnuclear, Inc. 90/01/22. GARDES,G. Division of Safeguards & Transportation (Post 870413). 3pp. 52497:001-52497:003.

**DOCKET 71-9234 MODEL: NCI-21PF-1, NUCLEAR CONTAINERS, INC.**

**9001290259** Requests registration as user of Nuclear Containers,Inc Overpack Model NCI-21PF-1.  
LEONARD,J.F. Energy, Dept. of. 90/01/18. MACDONALD,C.E. Transportation Branch. 1p. 52472:357-52472:357.

**9002130012** Notification of registration as user of Certificate of Compliance 9234 in response to 900118 request.  
MACDONALD,C.E. Transportation Branch. 90/01/31. LEONARD,J.F. Energy, Dept. of. 1p. 52646:242-52646:242.

**LICENSING OF INDEPENDENT SPENT FUEL STORAGE**

**DOCKET 72-0002 VIRGINIA ELECTRIC & POWER CO., 50-280 & 50-281**

**9001300076** Advises that 10CFR50.59 safety evaluation of dry storage casks designated as Westinghouse MC-10,Nuclear Assurance Corp NAC-128 & General Nuclear Sys,Inc CASTOR X/33 complete. No unreviewed safety questions noted.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/22. Document Control Branch (Document Control Desk). 1p. 52490:072-52490:072.

**9001300323** Requests that future correspondence from NRC re ISFSI be addressed to author at listed address & that listed individuals be included in carbon copy distribution.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:070-52490:071.

**9002230265** Forwards Amend 3 to License SNM-2501,changing Tech Spec 1.3.1 to reflect administrative change in QA program.Amend also changes Tech Spec 4.2.2 clarifying cask average surface dose rates for top & side surfaces.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/15. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 5pp. 52702:281-52702:321.

**-9002230271** Amend 3 to License SNM-2501 for VEPCO,changing Tech Spec 1.3.1 reflecting administrative change in QA program.Amend also changes Tech Spec 4.2.2,clarifying cask average surface dose rates for top & side surfaces.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/15. 29pp. 52702:286-52702:314.

**-9002230280** SER supporting Amend 3 to License SNM-2501.  
RUFFIN,S.R., ROBERTS,J.P. Fuel Cycle Safety Branch. 90/02/15. 3pp. 52702:315-52702:317.

**-9002230282** Discusses categorical exclusion under 10CFR51.22 re Amend 3 to License SNM-2501.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/15. Fuel Cycle Safety Branch. 2pp. 52702:318-52702:319.

**-9002230286** Notice of issuance of Amend 3 to License SNM-2501 for receipt & storage of spent fuel at plant ISFSI.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/15. 2pp. 52702:320-52702:321.

**DOCKET 72-0004 DUKE POWER CO., 50-269, 50-270 & 50-287**

**9001310484** Forwards revised license condition for plant,incorporating Rev 2 to ISFSI security program,for info.  
MCKEE,P. Reactor Safeguards Branch. 90/01/17. SJOBLUM,G. Fuel Cycle Safety Branch. 2pp. 52498:129-52498:130.

## 182 DOCKETED ITEMS

**9002010273** Forwards License SNM-2503,authorizing 20-yr term to receive, possess,store & transfer spent fuel from units in ISFSI located at facility,per 10CFR72,SER & notice of issuance. SJOBLON,G.L. Fuel Cycle Safety Branch. 90/01/29. TUCKER,H.B. Duke Power Co. 4pp. 52514:303-52515:069.

**-9002010286** License SNM-2503,authorizing 20-yr term to receive,possess, store & transfer spent fuel from plant in ISFSI located at site. SJOBLON,G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/29. 27pp. 52514:307-52514:333.

**-9002010294** Safety evaluation authorizing 20-yr term to receive,possess, store & transfer spent fuel in ISFSI located at facility.  
\* Office of Nuclear Material Safety & Safeguards,Director. 89/10/31. 92pp. 52514:334-52515:065.

**-9002010385** Notice of issuance of License SNM-2503 for ISFSI at facility. SJOBLON,G.L. Fuel Cycle Safety Branch. 90/01/29. 3pp. 52515:066-52515:069.

**9002070204** Responds to 890308 request to review mail submitted by ltr, dtd 890210,amending neutron shield design of transfer cask proposed to be used in operation of plant ISFSI.Design mod in compliance w/10CFR72.48. ROBERTS,J.P. Fuel Cycle Safety Branch. 90/02/01. TUCKER,H.B. Duke Power Co. 2pp. 52605:008-52605:033.

**-9002070219** SER accepting design change to transfer cask for util ISFSI.  
\* Office of Nuclear Material Safety & Safeguards,Director. 90/02/28. 24pp. 52605:010-52605:033.

### DOCKET 72-0006 CAROLINA POWER & LIGHT CO., 50-324 & 50-325

**9002090284** Responds to 891023 ltr for addl info re plant ISFSI mat's license application.W/34 oversize proprietary drawings. Drawings withheld. LOFLIN,L.I. Carolina Power & Light Co. 90/02/01. Document Control Branch (Document Control Desk). 21pp. 52609:348-52610:230.

**-9002090291** "Rept of Subsurface Investigation Program Sites 1 & 2 Spent Fuel Storage Modules,Brunswick Nuclear Plant."  
\* Law Engineering. 90/02/01. 47pp. 52610:009-52610:055.

**-9002090297** Rev 7 to Vol 4,Part 10 to Procedure ISFS-003, "Preparation of Dry Shielded Canister for Loading Into Horizontal Storage Module."  
\* Carolina Power & Light Co. 89/07/12. 64pp. 52610:056-52610:119.

**-9002090300** Rev 0 to Procedure PCN-00849E-01, "Analysis for Brunswick Nuclear Project for Offsite/Onsite Dose Assessment." HANELL,J.R., WILLIAM,E. Carolina Power & Light Co. 89/07/11. 111pp. 52610:120-52610:230.

**9002070195** Forwards proposed 16-month regulatory schedule for ISFSI at plant. BATES,D. Carolina Power & Light Co. 90/02/06. ROBERTS,J. NRC - No Detailed Affiliation Given. 2pp. 52593:058-52593:059.

**9002220649** Forwards Rev B to Drawing F-04315,inadvertently omitted from 900201 submittal & advises that listed drawings mistakenly identified as proprietary instead of nonproprietary. LOFLIN,L.I. Carolina Power & Light Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52713:358-52713:360.

### DOCKET 72-0008 BALTIMORE GAS & ELECTRIC CO., 50-317 & 50-318

**9002070200** Summary of 900123 meeting w/util in Rockville,MD re license application for dry spent fuel storage under 10CFR72 at plant.List of attendees & licensee hand-out encl. STURZ,F. Fuel Cycle Safety Branch. 90/02/01. SJOBLON,G. Fuel Cycle Safety Branch. 15pp. 52593:074-52593:088.

### DOCKET 72-0009 PUBLIC SERVICE CO. OF COLORADO, 50-267

**9002070198** Notification of 900215 meeting w/util in Rockville,MD to discuss application for dry storage concrete module sys ISFSI to be located at plant. RUFFIN,S.R. Fuel Cycle Safety Branch. 90/02/05. ROBERTS,J.P. Fuel Cycle Safety Branch. 1p. 52598:224-52598:224.

**9002090372** Requests NRC concurrence to enable early const activity outside of reactor protected area involving bldg ISFSI access road in order for ISFSI site characterization study to be performed,per 891208 meeting. CRAWFORD,A.C. Public Service Co. of Colorado. 90/02/07. ROBERTS,J.P. Fuel Cycle Safety Branch. 3pp. 52599:085-52599:087.

**9002090226** Agenda for NRC/Public Svc Co of Colorado 900215 meeting. GOSS,D. Public Service Co. of Colorado. 90/02/08. ROBERTS,R. NRC - No Detailed Affiliation Given. 3pp. 52626:127-52626:129.

### DOCKET 72-0010 NORTHERN STATES POWER CO., 50-282 & 50-306

**9001300463** Summary of 900116 meeting w/util in Rockville,MD re util 10CFR72 license application to store spent fuel at plant. List of attendees,agenda & util presentation encl. ROBERTS,J.P. Fuel Cycle Safety Branch. 90/01/26. SJOBLON,G.L. Fuel Cycle Safety Branch. 20pp. 52494:252-52494:271.



# 184 NONDOCKETED ITEMS

9002080059 Discusses ACNW 16th meeting on 900124-25 re final rule on storage of spent fuel in NRC-approved storage casks at power reactor sites. MOELLER,D.W. Advisory Committee on Nuclear Waste. 90/01/30. CARR,K.M. Commissioners. 2pp. 52609:093-52609:094.

## COMMISSION NRC COMMISSIONERS

9001100201 SECY-89-386 Weekly info rept for wk ending 891222. BLAHA,J.L. Assistant for Operations (Post 890205). 89/12/28. 46pp. 52472:228-52472:267.

9001110094 SECY-90-006 Weekly info rept for wk ending 891229. BLAHA,J.L. Assistant for Operations (Post 890205). 90/01/04. 34pp. 52472:271-52472:300.

9001240029 Responds to questions re generic views on Commission requirements for emergency preparedness. CARR,K.M. Commissioners. 90/01/17. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 37pp. 52403:168-52403:218.

-9001240032 Corrected ltr requesting response to listed questions re erosion of reasonable assurance std & fairness of licensing process re Seabrook. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 90/01/05. CARR,K.M. Commissioners. 4pp. 52403:209-52403:218.

-9002050322 Carr response to PH Kostmayer Subcommittee on General Oversight & Investigation on Question 1 from 900106 ltr. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:006-52584:006.

-9002050325 Carr response to PH Kostmayer 900106 ltr, Question 2a re Commission requirements for emergency preparedness. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 2pp. 52584:007-52584:008.

-9002050327 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 2b. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 2pp. 52584:009-52584:010.

-9002050331 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 2c. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:011-52584:011.

-9002050333 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 3. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 22pp. 52634:102-52634:149.

-9002050335 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 4. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:017-52584:017.

-9002050339 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 5. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:018-52584:018.

-9002050340 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 6. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:019-52584:019.

-9002050341 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 7. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:020-52584:020.

-9002050343 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 8. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:021-52584:021.

-9002050346 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 9. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:022-52584:022.

-9002050350 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 10. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:023-52584:023.

-9002050358 Carr response to PH Kostmayer 900106 ltr re Commission requirements for emergency preparedness, Question 11. CARR,K.M. Commissioners. CCS. 90/01/06. KOSTMAYER,P.H. House of Rep., Interior & Insular Affairs. 1p. 52584:024-52584:028.

9001290096 Responds to 891207 ltr addressing recent fire at plant & concerns of constituents as result of fire. NRC actions re fire protection discussed. Brief description of event at plant end. CARR,K.M. Commissioners. CCS. 90/01/17. SANFORD,T. Senate. 3pp. 52598:126-52598:131.

-9001290098 Requests consideration of encl K White 891030 ltr as example of feeling that many North Carolinians have re possibility of serious nuclear accident taking place in state. SANFORD,T. Senate. CCS. 89/12/07. ZECH,L.W. Commissioners. 4pp. 52598:129-52598:131.

9001310177 Comments on schedules incorporated in DOE "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program." Early interaction required to meet Sept 1990 date for NRC acceptance of DOE QA program & Jan 1991 surface testing. ROGERS,K.C. Commissioners. 90/01/25. WATKINS,J.D. Energy, Dept. of. 2pp. 52988:271-52988:301.

9002010367 Weekly info rept for wk ending 900119. BLAHA,J.L. Assistant for Operations (Post 890205). 90/01/24. 34pp. 52505:173-52505:206.

9002020033 Responds to 891204 request for NRC views on S.1966, "Advanced Nuclear Reactor Research, Development & Demonstration Act of 1989." Policies sound. CARR,K.M. Commissioners. 90/01/19. JOHNSTON,J.B. Senate, Energy & Natural Resources. 53pp. 52533:198-52533:250.

9002020038 Responds to 891031 ltr re treatment & disposal of mixed wastes. Commission has initiated discussions w/EPA at highest levels to resolve issues on dual regulations. NRC endorses Ofc of Technology Assessment EPA/NRC Task Force. CARR,K.M. Commissioners. CCS. 90/01/19. UDALL,M.K. House of Rep., Interior & Insular Affairs. 45pp. 52532:101-52532:155.

-9002020052 Commends attention to encl draft rept on low level radwastes prepared by Ofc of Technology Assessment. Rept suggests that EPA-NRC task force be formed to resolve problems resulting from agency dual regulation of mixed waste. W/o encl. UDALL,M.K. House of Rep., Interior & Insular Affairs. CCS. 89/10/31. CARR,K.M. Commissioners. 2pp. 52532:154-52532:155.

9002050022 Forwards annual rept to Congress on competition under Section 21 of Public Law 98-369, "Competition in Contracting." CARR,K.M. Commissioners. CCS. 90/01/30. QUAYLE,D. Senate, President of the Senate. FOLEY,T.S. House of Rep., Speaker of the House. 14pp. 52548:243-52548:256.

9002050125 Responds to 891024 ltr re adoption of policy to permit funds levied by Commission as civil penalties to be redirected to support training & other educational activities concerning radiological health & safety. CARR,K.M. Commissioners. CCS. 90/01/18. BREAU,J.B. Senate, Environment & Public Works. 1p. 52547:091-52547:094.

-9002050127 Encourages Commission to adopt policy which would allow funds levied as civil penalties to be used for training & educational purposes related to health & safety of public. BREAU,J.B. Senate, Environment & Public Works. CCS. 89/10/24. CARR,K.W. Commissioners. 3pp. 52547:092-52547:094.

9002050129 Ack receipt of 891127 ltr recommending F Forscher for appointment to NRC ACRS. Although not selected, Forscher resume will remain on file as potential nominee for vacancies on committee. CARR,K.M. Commissioners. CCS. 90/01/16. HEINZ,J. Senate. 1p. 52584:040-52584:048.

-9002050132 Recommends F Forscher for position on ACRS. HEINZ,J. Senate, Banking, Housing & Urban Affairs. CCS. 89/11/27. CARR,K. Commissioners. 1p. 52584:041-52584:048.

-9002050138 Requests consideration for opening on ACRS. Qualifications listed. FORSCHER,F. Affiliation Not Assigned. CCS. 89/11/04. REMICK,F. ACRS - Advisory Committee on Reactor Safeguards. 3pp. 52584:042-52584:044.

-9002050143 Supports F Forscher for position on ACRS. HEINZ,J. Senate, Governmental Affairs. CCS. 87/09/10. ZECH,L. Commissioners. 1p. 52584:045-52584:045.

-9002050146 Supports nomination of F Forscher as candidate for ACRS. MUNTZING,L.M. Doub, Muntzing & Glasgow (formerly Doub & Muntzing). CCS. 86/02/20. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52584:046-52584:046.

-9002050151 Nominates F Forscher for vacancy on ACRS. Forscher considered man of high technical ability & well known throughout nuclear industry. WELDON,G.E. MAERP Reinsurance Association (Mutual Atomic Energy Reinsurance Pool). CCS. 86/01/30. Office of the Secretary of the Commission. 2pp. 52584:047-52584:048.

9002050186 Provides NRC views on adequacy of regulations to protect public health & safety in light of info on risk from exposure to radiation contained in BEIR V rept, per 900111 request. Detailed responses to questions on issue encl. CARR,K.M. Commissioners. CCS. 90/01/19. SIMPSON,A.K., BREAU,J.B. Senate, Environment & Public Works. 4pp. 52598:168-52598:181.

-9002050189 Carr response to JB Breau/AK Simpson 900111 ltr, Question 1a re adequacy of regulations, per BEIR V rept. CARR,K.M. Commissioners. CCS. 90/01/11. BREAU,J.B. Senate, Environment & Public Works. 1p. 52598:172-52598:172.

-9002050195 Carr response to JB Breau/AK Simpson 900111 ltr, Question 1b re adequacy of regulations, per BEIR V rept. CARR,K.M. Commissioners. CCS. 90/01/11. BREAU,J.B. Senate, Environment & Public Works. 2pp. 52598:173-52598:174.

-9002050197 Carr response to JB Breau/AK Simpson 900111 ltr, Question 2a re adequacy of regulations, per BEIR V rept. CARR,K.M. Commissioners. CCS. 90/01/11. BREAU,J.B. Senate, Environment & Public Works. 1p. 52598:175-52598:175.

-9002050201 Carr response to JB Breau/AK Simpson 900111 ltr, Question 2b re adequacy of regulations, per BEIR V rept. CARR,K.M. Commissioners. CCS. 90/01/11. BREAU,J.B. Senate, Environment & Public Works. 1p. 52598:176-52598:176.

-9002050205 Carr response to Breau/Simpson 900111 ltr, Question 2c re adequacy of regulations, per BEIR V rept. CARR,K.M. Commissioners. CCS. 90/01/11. BREAU,J.B. Senate, Environment & Public Works. 1p. 52598:177-52598:177.

-9002050206 Carr response to Breau/Simpson 900111 ltr, Question 2d re adequacy of regulations, per BEIR V rept. CARR,K.M. Commissioners. CCS. 90/01/11. BREAU,J.B. Senate, Environment & Public Works. 1p. 52598:178-52598:178.



-9002050208 Carr response to Breaux/Simpson 900111 ltr, Questions 3a-c re adequacy of regulations, per BEIR V rept.  
CARR, K.M. Commissioners. CCS. 90/01/11. BREAUX, J.B. Senate, Environment & Public Works. 1p. 52598:179-52598:179.

-9002050209 Requests views on effect of BEIR V rept of NAS on adequacy of NRC regulations to protect public health & safety, including response to questions.  
BREAUX, J.B., SIMPSON, A.K. Senate, Environment & Public Works. CCS. 90/01/11. CARR, K.M. Commissioners. 2pp. 52598:180-52598:181.

9002050233 Forwards S.1966 for study & rept within 30 days.  
JOHNSTON, J.B. Senate, Energy & Natural Resources. CCS. 89/12/04. ZECH, L.W. Commissioners. 1p. 52548:240-52548:242.

9002060067 Responds to 891130 ltr which contained review of 891117 meeting & voiced concerns in nuclear medicine community re some aspects of NRC regulatory program for medical use of byproduct matl. NRC reviewing medical training programs.  
CARR, K.M. Commissioners. 90/01/19. MARCUS, C.S. California, Univ. of, Los Angeles, CA. 2pp. 52556:204-52556:209.

-9002060075 Reviews critical issues in nuclear medicine discussed at 891117 meeting, including misadministrations, QA rule, petition for rulemaking to change 10CFR35 & educ & training of nuclear medicine professionals.  
MARCUS, C.S. California, Univ. of, Los Angeles, CA. 89/11/30. CARR, K.M. Commissioners. 4pp. 52556:206-52556:209.

9002060088 Responds to 891101 & 1204 ltrs raising concerns re NRC regulations for medical use of byproduct matl. Types of errors which cause medical misadministrations appear to be avoidable.  
CARR, K.M. Commissioners. 90/01/19. ALAZRAKI, N.P. American College of Nuclear Physicians. 2pp. 52556:192-52556:198.

-9002060091 Comments on nuclear medicine community concerns re NRC medical use regulations contained in 10CFR35. Existing programs & mechanisms to ensure QC already in place & new regulations would duplicate existing programs.  
ALAZRAKI, N.P. American College of Nuclear Physicians. ALAZRAKI, N.P. Society of Nuclear Medicine. 89/11/01. CARR, K.M. Commissioners. 3pp. 52556:194-52556:196.

-9002060136 Requests that NRC not embark on new regulatory initiatives which would be costly & impractical until Soc of Nuclear Medicine provides NRC w/ tangible suggestions & program to reduce medical misadministrations.  
ALAZRAKI, N.P. American College of Nuclear Physicians. 89/12/04. CARR, K.M. Commissioners. 2pp. 52556:197-52556:198.

9002080215 Weekly info rept for wk ending 900126.  
BLAHA, J.L. Assistant for Operations (Post 890205). 90/02/01. 37pp. 52588:205-52588:241.

9002140214 Weekly info rept for wk ending 900202.  
BLAHA, J.L. Assistant for Operations (Post 890205). 90/02/07. 44pp. 52648:313-52648:355.

9002220046 Weekly info rept for wk ending 900202.  
BLAHA, J.L. Assistant for Operations (Post 890205). 90/02/07. 47pp. 52704:030-52704:072.

9002220127 Responds to 891213 request for review of encl draft FEMA circulars re Continuity of Govt Program. NRC unaware of any change in Continuity of Govt Program that would warrant designation as Category I agency.  
CARR, K.M. Commissioners. 90/02/05. MORRIS, R.H. Federal Emergency Management Agency. 23pp. 52688:288-52688:310.

9002220737 Extends invitation for Commonwealth of VA continued participation in NRC State Liaison Officer Program. Assumes A Slayton continues to conduct state liaison duties.  
CARR, K.M. Commissioners. 90/02/06. WILDER, D. Virginia, Commonwealth of. 1p. 52683:277-52683:277.

9002230156 Offers appointment to Advisory Committee on Medical Uses of isotopes as chairman.  
CARR, K.M. Commissioners. 90/01/31. SIEGEL, B.A. Mallinckrodt Institute of Radiology at Washington University Medical Center, St. 1p. 52702:143-52702:146.

-9002230159 Offers appointment as member of Advisory Committee on Medical Uses of isotopes.  
CARR, K.M. Commissioners. 90/01/31. LEICHER, P.K. Johns Hopkins Univ., Baltimore, MD. 1p. 52702:144-52702:144.

-9002230166 Offers appointment as member of Advisory Committee on Medical Uses of isotopes.  
CARR, K.M. Commissioners. 90/01/31. MARCUS, C.S. California, Univ. of, Los Angeles, Medical School. 1p. 52702:145-52702:145.

-9002230170 Offers appointment as member of Advisory Committee on Medical Uses of isotopes.  
CARR, K.M. Commissioners. 90/01/31. MCKEOWN, J.A. Affiliation Not Assigned. 1p. 52702:146-52702:146.

9002230260 Weekly info rept for wk ending 900209.  
BLAHA, J.L. Assistant for Operations (Post 890205). 90/02/14. 36pp. 52709:302-52709:337.

# CONTRACT NRC CONTRACTS AND MODIFICATIONS

8905190168 Notification of contract execution, Mod 2, to "Computer Output Microfilm Svcs." Contractor: Modern Microfilm Methods.  
KNOX, E. Contract Administration Branch. FIN D-19109. NRC-39-88-168. 89/05/05. AMENTA, J. Office of Information Resources Management (Post 890205). LEE, L.M. NRC - No Detailed Affiliation Given. 1p. 52655:075-52655:077.

-8905190180 Mod 2, deobligating funds, to "Computer Output Microfilm Svcs." JACKSON, C.E. Modern Microfilm Methods, Inc. EDGEWORTH, P.J. Division of Contracts & Property Management (Post 890205). FIN D-19109. NRC-39-88-369. 89/05/05. 1p. 52655:076-52655:076.

-9002230144 Forwards Mod 2 to Contract NRC-39-88-169.  
EDGEWORTH, P.J. Contract Administration Branch. FIN D-19109. NRC-39-88-169. 89/05/05. JACKSON, C.E. Modern Microfilm Methods, Inc. 1p. 52655:077-52655:077.

9001290024 Notification of contract execution, Mod 9, to "Radiation Monitoring Program Requirements." Contractor: State of MD.  
CRAMPTON, S.A. Contract Administration Branch. FIN B-8353-0. NRC-28-83-608. 90/01/22. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN, J. NRC - No Detailed Affiliation Given. 1p. 52451:335-52451:337.

-9001290029 Mod 9, providing CY90 funding, to "Radiation Monitoring Program Requirements."  
Maryland, State of. BELL, S. Division of Contracts & Property Management (Post 890205). FIN B-8353-0. NRC-28-83-608. 90/01/22. 2pp. 52451:336-52451:337.

9001290061 Notification of contract execution, Mod 9, to "Radiation Monitoring Program Requirements." Contractor: Commonwealth of MA.  
CRAMPTON, S.A. Contract Administration Branch. FIN B-8350-0. NRC-28-83-606. 90/01/19. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN, J. NRC - No Detailed Affiliation Given. 1p. 52451:332-52451:334.

-9001290063 Mod 9, providing CY90 funds & revising rate of payment under Paragraph B of statement of work, to "Radiation Monitoring Program Requirements."  
Massachusetts, Commonwealth of. MACE, M.H. Division of Contracts & Property Management (Post 890205). FIN B-8350-0. NRC-28-83-606. 90/01/19. 2pp. 52451:333-52451:334.

9001290068 Notification of contract execution, Mod 9, to "Radiation Monitoring Program Requirements." Contractor: State of VT.  
CRAMPTON, S.A. Contract Administration Branch. FIN B-8351-0. NRC-28-83-605. 90/01/22. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN, J. NRC - No Detailed Affiliation Given. 1p. 52469:157-52469:159.

-9001290079 Mod 9, providing CY90 funds, to "Radiation Monitoring Program Requirements."  
Vermont, State of. BELL, S. Division of Contracts & Property Management (Post 890205). FIN B-8351-0. NRC-28-83-605. 90/01/22. 2pp. 52469:158-52469:159.

9001290071 Notification of contract execution, Mod 10, to "Radiation Monitoring Program Requirements." Contractor: State of NJ.  
CRAMPTON, S.A. Contract Administration Branch. FIN B-8354-0. NRC-28-83-609. 90/01/22. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN, J. NRC - No Detailed Affiliation Given. 1p. 52453:327-52453:329.

-9001290075 Mod 10, providing CY90 funds & revising rate of payment under Paragraph B of statement of work, to "Radiation Monitoring Program Requirements."  
New Jersey, State of. BELL, S. Division of Contracts & Property Management (Post 890205). FIN B-8354-0. NRC-28-83-609. 90/01/22. 2pp. 52453:328-52453:329.

9001290116 Notification of contract execution: "Senior Executive Svc Training Conference," awarded to Prime Motor Inn, Inc.  
UMBELD, D. Contract Negotiation Branch-2. FIN D-23000. NRC-38-80-321. 90/01/08. MONACON, O. Ofc of Personnel (Post 870413). MASON, E. NRC - No Detailed Affiliation Given. 1p. 52469:201-52469:332.

-9001290121 Contract: "Senior Executive Svc Training Conference," awarded to Prime Motor Inn, Inc.  
Prime Motor Inn, Inc. WIGGINS, E.J. Division of Contracts & Property Management (Post 890205). FIN D-23000. NRC-38-80-321. 90/01/08. 100pp. 52469:202-52469:332.

9001290120 Notification of contract execution, Mod 3, to "Effective Communication: Media Training Workshop." Contractor: CommCore, Inc.  
HUGHES, A. Contract Administration Branch. FIN D-23000. NRC-38-89-331. 90/01/22. GOLDMAN, P.J. Ofc of Personnel (Post 870413). RUCCI, M. NRC - No Detailed Affiliation Given. 1p. 52454:105-52454:106.

-9001290124 Mod 3, providing incremental funding, to "Effective Communication: Media Training Workshop."  
CommCore, Inc. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-23000. NRC-38-89-331. 90/01/22. 1p. 52454:106-52454:106.

9001290125 Notification of contract execution: "Development of Data Base for Validation of Flow Transport Models on Unsaturated Soils," awarded to Univ of Arizona.  
BAZIN, J.P. Contract Negotiation Branch-2. FIN L-12860. NRC-04-90-058. 89/11/13. SHAO, L.C. Division of Engineering (Post 870413). NICHOLSON, T. NRC - No Detailed Affiliation Given. 1p. 52468:160-52468:338.

-9001290127 Ltr Contract NRC-04-90-058, "Development of Data Base for Validation of Flow & Transport Models in Unsaturated Soils," incorporating clauses re commencement of work, amount of funding & contract definitization.  
WIGGINS, E.J. Division of Contracts & Property Management (Post 890205). FIN L-12860. NRC-04-90-058. 89/11/13. PAYTON, C. Arizona, Univ. of, Tucson, AZ. 3pp. 52468:161-52468:163.

9001290129 Notification of contract execution: "Development of Data Base for Validation of Flow Transport Models on Unsaturated Soils," awarded to Univ of Arizona.  
BAZIN, J.P. Contract Negotiation Branch-2. FIN L-12860. NRC-04-90-058. 89/11/29. SHAO, L.C. Division of Engineering (Post 870413). NICHOLSON, T. NRC - No Detailed Affiliation Given. 1p. 52468:164-52468:164.

-9001290132 Ltr Contract NRC-04-90-058, "Development of Data Base for Validation of Flow & Transport Models in Unsaturated Soils," extending expiration date to 891208.  
WIGGINS, E.J. Division of Contracts & Property Management (Post 890205). FIN L-12860. NRC-04-90-058. 89/11/30. PAYTON, C. Arizona, Univ. of, Tucson, AZ. 2pp. 52468:165-52468:166.

9001290136 Notification of contract execution, Mod 4, to "2D/3D Cooperative Program." Contractor: MPR Assoc, Inc.  
FIELDS, J. Contract Administration Branch. FIN D-20830. NRC-04-88-092. 90/01/22. GUSTAVE, R.P. Program Management, Policy Development & Analysis Staff (Post 870413). RHEE, G. NRC - No Detailed Affiliation Given. 1p. 52467:110-52467:111.

-9001290142 Mod 4, providing incremental funding, to "2D/3D Cooperative Program."  
MPR Associates, Inc. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-20830. NRC-04-88-092. 90/01/22. 1p. 52467:111-52467:111.

## 186 NONDOCKETED ITEMS

- 9001290137** Contract: "Development of Data Base for Validation of Flow Transport Models on Unsaturated Soils," awarded to Univ of Arizona. WHEELER,J.T. Arizona, Univ. of Tucson, AZ. WIGGINS,E.J. Division of Contracts & Property Management (Post 890205). FIN L-12860. NRC-04-90-058. 89/12/08. 168pp. 52468:167-52468:336.
- 9001290146** Notification of contract execution,Mod 3,to "Translation Svcs." Contractor:Soltran. KNOX,E. Contract Administration Branch. FIN D-2410-0. NRC-39-88-166. 90/01/22. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). KASIMIR,L. NRC - No Detailed Affiliation Given. 1p. 52453:258-52453:260.
- 9001290151** Mod 3,exercising option to extend term of contract through 910120 and providing funds for mod to "Translation Svcs." \* SCITRAN, BELL,S. Division of Contracts & Property Management (Post 890205). FIN B-2410-0. NRC-39-88-166. 90/01/22. 2pp. 52453:259-52453:260.
- 9001290158** Notification of contract execution,Mod 5,to "NRC Fundamentals Exam Technical Assistance." Contractor: Sonalysts,Inc. BRENNAN,P. Contract Administration Branch. FIN L-1281-0. NRC-03-89-030. 90/01/22. WEST,K.S. Office of Nuclear Reactor Regulation, Director (Post 870411). PULSIPHER,K. NRC - No Detailed Affiliation Given. 1p. 52454:059-52454:060.
- 9001290161** Mod 5,providing incremental funding,to "NRC Fundamentals Exam Technical Assistance." \* Sonalysts, Inc. BELL,S. Division of Contracts & Property Management (Post 890205). FIN L-1281-0. NRC-03-89-030. 90/01/22. 1p. 52454:060-52454:060.
- 9001290200** Notification of contract execution,Mod 11,to "Radiation Monitoring Program Requirements." Contractor:State of NY Dept of Health. CRAMPTON,S.A. Contract Administration Branch. FIN B-8355. NRC-28-83-610. 90/01/23. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN,J. NRC - No Detailed Affiliation Given. 1p. 52469:092-52469:094.
- 9001290204** Mod 11,providing funds,revising Article V & incorporating TLD program,to "Radiation Monitoring Program Requirements." \* New York, State of. BELL,S. Division of Contracts & Property Management (Post 890205). FIN B-8355. NRC-28-83-610. 90/01/23. 2pp. 52469:093-52469:094.
- 9001290207** Notification of contract execution,Mod 22,to "Technical Assistance in Developing & Implementing Programs & Procedures for Reactors Requiring Special Insp Resources." Contractor:RTS,Inc. MEEHAN,B. Contract Administration Branch. NRC-03-87-119-03. 90/01/17. BAJWA,S.S. Planning, Program & Management Support Branch (Post 870411). 1p. 52451:356-52451:358.
- 9001290211** Mod 22,revising indirect rates for "Technical Assistance in Developing & Implementing Programs & Procedures for Reactors Requiring Special Insp Resources." FELTHOUS,R.A. Resource Technical Services, Inc. MACE,M.H. Division of Contracts & Property Management (Post 890205). NRC-03-87-119-03. 90/01/17. 2pp. 52451:357-52451:358.
- 9001310133** Notification of contract execution,Mod 4,to "Development of Guidelines to Select Anchor Values for Human Error Probability Estimation in Nuclear Power Operations." Contractor:George Mason Univ. CRAMPTON,S. Contract Administration Branch. FIN G-11260. NRC-04-88-135. 90/01/25. GUSTAVE,R. Program Management, Policy Development & Analysis Staff (Post 870413). LOIS,E. NRC - No Detailed Affiliation Given. 1p. 52514:017-52514:018.
- 9001310135** Mod 4,changing project officer,to "Development of Guidelines to Select Anchor Values for Human Error Probability Estimation in Nuclear Power Operations." \* George Mason Univ., Fairfax, VA. MACE,M.H. Division of Contracts & Property Management (Post 890205). FIN G-11260. NRC-04-88-135. 90/01/25. 1p. 52514:018-52514:018.
- 9001310142** Notification of contract execution,Mod 12,to "Radiation Monitoring Program Requirements." Contractor:State of OR. CRAMPTON,S. Contract Administration Branch. FIN B-8554-0. NRC-32-83-685. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52514:038-52514:040.
- 9001310146** Mod 12,obligating CY90 funds,to "Radiation Monitoring Program Requirements." \* Oregon, State of. BELL,S. Contract Administration Branch. FIN B-8554-0. NRC-32-83-685. 90/01/25. 2pp. 52514:039-52514:040.
- 9001310149** Notification of contract execution,Mod 13,to "Radiation Monitoring Program Requirements." Contractor:State of CA. CRAMPTON,S. Contract Administration Branch. FIN B-8553-0. NRC-32-83-684. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52531:044-52531:046.
- 9001310153** Mod 13,obligating CY90 funds,to "Radiation Monitoring Program Requirements." \* California, State of. BELL,S. Contract Administration Branch. FIN B-8553-0. NRC-32-83-684. 90/01/25. 2pp. 52531:045-52531:046.
- 9001310155** Notification of contract execution,Mod 13,to "Radiation Monitoring Program Requirements." Contractor:State of WA. CRAMPTON,S. Contract Administration Branch. FIN B-8551-0. NRC-32-83-682. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 2pp. 52514:031-52514:033.
- 9001310162** Mod 13,providing CY90 funds,to "Radiation Monitoring Program Requirements." BELL,S. Washington, State of. BELL,S. Contract Administration Branch. FIN B-8551-0. NRC-32-83-682. 90/01/25. 2pp. 52514:032-52514:033.
- 9001310166** Notification of contract execution,Mod 12,to "Radiation Monitoring Program Requirements." Contractor:State of AZ. CRAMPTON,S. Contract Administration Branch. FIN B-8550-0. NRC-32-83-681. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52514:011-52514:013.
- 9001310170** Mod 12,providing CY90 funds,to "Radiation Monitoring Program Requirements." \* Arizona, State of. BELL,S. Contract Administration Branch. FIN B-8550-0. NRC-32-83-681. 90/01/25. 2pp. 52514:012-52514:013.
- 9001310175** Notification of contract execution,Mod 4,to "Physical Dependencies in Accident Sequence Analysis." Contractor:MIT. CRAMPTON,S. Contract Administration Branch. FIN G-11350. NRC-04-88-143. 90/01/25. GUSTAVE,R. Program Management, Policy Development & Analysis Staff (Post 870413). RYAN,T. NRC - No Detailed Affiliation Given. 1p. 52514:007-52514:008.
- 9001310178** Mod 4,changing project officer to T Ryan,to "Physical Dependencies in Accident Sequence Analysis." \* Massachusetts Institute of Technology, Cambridge, MA. BELL,S. NRC - No Detailed Affiliation Given. FIN G-11350. NRC-04-88-143. 90/01/25. 1p. 52514:008-52514:008.
- 9002010218** Notification of grant execution,Mod 13 to "Formulation of Recommendations on Radiation Protection & Measurement Re Technology Base Needed to Assess Safety of Nuclear Power." Grantee:Natl Council on Radiation Protection & Measurements. CRAMPTON,S. Contract Administration Branch. FIN G-10300. NRC-04-81-029. 90/01/26. GUSTAVE,R. Program Management, Policy Development & Analysis Staff (Post 870413). BELL,J. NRC - No Detailed Affiliation Given. 1p. 52505:001-52505:002.
- 9002010221** Mod 13,increasing obligated & ceiling amounts,to "Formulation of Recommendations on Radiation Protection & Measurement Re Technology Base Needed to Assess Safety of Nuclear Power." \* National Council on Radiation Protection & Measurements. MACE,M. NRC - No Detailed Affiliation Given. FIN G-10300. NRC-04-81-029. 90/01/26. 1p. 52505:002-52505:002.
- 9002010264** Notification of contract execution,Mod 12,to "Radiation Monitoring Program Requirements." Contractor:Bureau of Radiation Control,State of KS. CRAMPTON,S. Contract Administration Branch. FIN B-8510-0. NRC-31-84-502. 90/01/30. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLAS,J.B. NRC - No Detailed Affiliation Given. 1p. 52505:219-52505:220.
- 9002010268** Mod 12,providing CY90 funds to "Radiation Monitoring Program Requirements." \* Kansas, State of. MACE,M.H. Division of Contracts & Property Management (Post 890205). FIN B-8510-0. NRC-31-84-502. 90/01/30. 1p. 52505:220-52505:220.
- 9002010272** Notification of contract execution,Mod 11,to "Integrated Library Sys." Contractor:On-Line Computer Sys,Inc. MEEHAN,B. Contract Administration Branch. NRC-33-86-268. 90/01/25. SCOTT,S. Division of Computer & Telecommunications Services (Post 890205). REDMOND,J. NRC - No Detailed Affiliation Given. 1p. 52515:106-52515:108.
- 9002010281** Mod 11,extending period of performance at no addl cost to govt to accommodate completion of Optional Svc 3,to "Integrated Library Sys." \* On-Line Computer Systems, Inc. MACE,M.H. Division of Contracts & Property Management (Post 890205). NRC-33-86-268. 90/01/25. 2pp. 52515:107-52515:108.
- 9002010307** Notification of contract execution,Mod 16,to "Technical & Engineering Support Svcs for Communications." Contractor:Boise Interagency Fire Ctr. DUBOSE,B.J. Contract Administration Branch. NRC-10-83-352. 90/01/29. KRUIZIC,P. Division of Computer & Telecommunications Services (Post 890205). MELVILLE,T. NRC - No Detailed Affiliation Given. 1p. 52523:052-52523:054.
- 9002010320** Mod 16,extending period of performance until 900131 at no addl cost & deleting name of project officer,to "Technical & Engineering Support Svcs for Communications." WILSON,J.F. Boise, ID. BELL,S. Division of Contracts & Property Management (Post 890205). NRC-10-83-352. 90/01/29. 2pp. 52523:053-52523:054.
- 9002010315** Notification of contract execution, "Installation & Maint of Data & Voice Telecommunications Equipment & Svcs." Contractor:Henkels & McCoy,Inc. MCLEAREN,T. Contract Negotiation Branch-1. FIN D-18620. NRC-33-90-191. 90/01/03. AMENTA,J. Office of Information Resources Management (Post 890205). BALDES,I. NRC - No Detailed Affiliation Given. 1p. 52505:231-52505:332.
- 9002010318** Contract: "Installation & Maint of Data & Voice Telecommunications Equipment & Svcs," awarded to Henkels & McCoy,Inc. LEHMAN,M.T. Henkels & McCoy, Inc. FLYNN,M.J. Division of Contracts & Property Management (Post 890205). FIN D-18620. NRC-33-90-191. 90/01/03. 101pp. 52505:232-52505:332.
- 9002020151** Notification of contract execution,Mod 1,to "Validation Studies for Assessing Unsaturated Flow & Transport Through Fractured Rock." Contractor:Univ of Arizona. DEMARCO,D. Contract Administration Branch. FIN L-12820. NRC-04-90-051. 89/12/21. SHAO,L. Division of Engineering (Post 870413). NICHOLSON,T. NRC - No Detailed Affiliation Given. 1p. 52546:233-52546:245.
- 9002020156** Mod 1,definitizing Ltr Contract NRC-04-90-051 into cost reimbursement type contract to "Validation Studies For Assessing Unsaturated Flow & Transport Through Fractured Rock." WHEELER,J.T. Arizona, Univ. of Tucson, AZ. WIGGINS,E.J. Division of Contracts & Property Management (Post 890205). FIN L-12820. NRC-04-90-051. 89/12/21. 7pp. 52546:234-52546:240.
- 9002020160** Ltr Contract NRC-04-90-051, "Validation Studies for Assessing Unsaturated Flow & Transport Through Fractured Rock." WIGGINS,E.J. Division of Contracts & Property Management (Post 890205). FIN L-12820. NRC-04-90-051. 89/11/29. MATHER,P.F. Arizona, Univ. of Tucson, AZ. 1p. 52546:241-52546:241.
- 9002020163** Notification of contract execution: "Validation Studies For Assessing Unsaturated Flow & Transport Through Fractured Rock," awarded to Univ of Arizona. DEMARCO,D. Contract Negotiation Branch-2. FIN L-12820. NRC-04-90-051. 89/11/13. SHAO,L. Division of Engineering (Post 870413). NICHOLSON,T. NRC - No Detailed Affiliation Given. 1p. 52546:242-52546:242.
- 9002020164** Ltr Contract NRC-04-90-051, "Validation Studies For Assessing Unsaturated Flow & Transport Through Fractured Rock," awarded to Univ of Arizona. WIGGINS,E.J. Division of Contracts & Property Management (Post 890205). FIN L-12820. NRC-04-90-051. 89/11/13. MATHER,P.F. Arizona, Univ. of Tucson, AZ. 3pp. 52546:243-52546:245.

**9002020219** Notification of contract execution: "Rulemaking & Regulatory Analysis Support Requirements Primarily Involving Administration & Procedural Mods to NRC Licensed Facilities." Contractor: S Cohen & Assoc, Inc. SMITH, P.A. Contract Negotiation Branch-2. NRC-04-90-070. 90/01/19. MORRIS, W.M. Division of Regulatory Applications (Post 870413). FELD, S. NRC - No Detailed Affiliation Given. 1p. 52529:048-52529:199.

**-9002020227** Contract: "Rulemaking & Regulatory Analysis Support for Requirements Primarily Involving Administration & Procedural Mods to NRC Licensed Facilities," awarded to S Cohen & Assoc, Inc. COHEN, S. S. Cohen & Associates, Inc. WIGGINS, E.J. Division of Contracts & Property Management (Post 890205). NRC-04-90-070. 90/01/19. 151pp. 52529:049-52529:199.

**9002050093** Notification of contract execution, Mod 1, to "Region IV Data Entry Support Svcs." Contractor: SBA Subcontractor: Burco Sys Development. HUGHES, A. NRC - No Detailed Affiliation Given. FIN L-13720. NRC-31-89-267. 90/01/30. MEYER, D.M. Region 4, Ofc of the Director. RETTIG, J. NRC - No Detailed Affiliation Given. 1p. 52547:212-52547:213.

**-9002050094** Mod 1, providing incremental funding, to "Region IV Data Entry Support Svcs." \* Small Business Administration. \* Burco Systems Development. MACE, M.H. Division of Contracts & Property Management (Post 890205). FIN L-13720. NRC-31-89-267. 90/01/30. 1p. 52547:213-52547:213.

**9002060063** Notification of contract execution, Mod 6, to "Internal Control Reviews." Contractor: SBA Subcontractor: Irving Burton Assoc, Inc. KNOX, E. Contract Administration Branch. FIN D-14350. NRC-10-87-355. 90/01/25. SCROGGINS, R.M. Office of the Controller (Post 890205). BLACK, E. NRC - No Detailed Affiliation Given. 1p. 52556:210-52556:211.

**-9002060069** Mod 6, providing incremental funding, to "Internal Control Reviews." \* Small Business Administration. \* Irving Burton Associates, Inc. BELL, S. Contract Administration Branch. FIN D-14350. NRC-10-87-355. 90/01/25. 1p. 52556:211-52556:211.

**9002060074** Notification of contract execution, Mod 10, to "Access to INPO Nuclear Plant Reliability." Contractor: INPO. KNOX, E. Contract Administration Branch. NRC-33-87-229. 90/01/25. AMENTA, J. Office of Information Resources Management (Post 890205). SCOTT, S. NRC - No Detailed Affiliation Given. 1p. 52559:299-52559:301.

**-9002060081** Mod 10, revising Section G.2.b-NRC NPRDS Coordinator, to "Access to INPO Nuclear Plant Reliability." \* Institute of Nuclear Power Operations. BELL, S. Contract Administration Branch. NRC-33-87-229. 90/01/25. 2pp. 52559:300-52559:301.

**9002060077** Notification of contract execution, Mod 17, to "Document Distribution Svcs." Contractor: GPO. DUBOSE, B.J. Contract Administration Branch. FIN D-18720. NRC-10-85-264. 90/01/25. MESSENGER, G.H. Division of Information Support Services (Post 890205). SHAW, K.R. NRC - No Detailed Affiliation Given. 1p. 52555:134-52555:136.

**-9002060082** Mod 17, revising Section A.2 - scope of work, Item A.5 - messenger svc, to "Document Distribution Svcs." YOUNG, J.D. Government Printing Office. BELL, S. Contract Administration Branch. FIN D-18720. NRC-10-85-264. 90/01/25. 2pp. 52555:135-52555:136.

**9002060084** Notification of contract execution, Mod 2, to "Measurement Assurance Program." Contractor: Dept of Commerce, NBS. DUBOSE, B.J. Contract Administration Branch. FIN B-5118-0. NRC-03-89-032. 90/01/23. BAJWA, S.S. Planning, Program & Management Support Branch (Post 870411). PULSIPHER, K. NRC - No Detailed Affiliation Given. 1p. 52555:137-52555:139.

**-9002060087** Mod 2, providing incremental funds, to "Measurement Assurance Program." \* National Institute of Standards & Technology (formerly National Bureau of Standards). BELL, S. Contract Administration Branch. FIN B-5118-0. NRC-03-89-032. 90/01/23. 2pp. 52555:138-52555:139.

**9002060110** Notification of contract execution, Mod 5, to "Sys Mgt/Program Support." Contractor: Maxima Corp. KNOX, E. Contract Administration Branch. FIN D-1363-0. NRC-33-87-216. 90/01/25. AMENTA, J. Office of Information Resources Management (Post 890205). SEEHERMAN, J. NRC - No Detailed Affiliation Given. 1p. 52556:202-52556:203.

**-9002060115** Mod 5, providing incremental funding, to "Sys Mgt/Program Support." \* Maxima Corp. BELL, S. Contract Administration Branch. FIN D-1363-0. NRC-33-87-216. 90/01/25. 1p. 52556:203-52556:203.

**9002070141** Notification of contract execution, Mod 14, to "Radiation Monitoring Program Requirements." Contractor: State of LA. CRAMPTON, S. Contract Administration Branch. FIN B-8502-0. NRC-31-83-669. 90/01/30. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLS, J.B. NRC - No Detailed Affiliation Given. 1p. 52587:192-52587:194.

**-9002070148** Mod 14, providing CY90 funding, to "Radiation Monitoring Program Requirements." \* Louisiana, State of. MACE, M.H. Contract Administration Branch. FIN B-8502-0. NRC-31-83-669. 90/01/30. 2pp. 52587:193-52587:194.

**9002070152** Notification of contract execution, Mod 11, to "Simulator Lease for C-E Training Course." Contractor: C-E. MEEHAN, B. Contract Administration Branch. FIN B-87700. NRC-05-86-165. 90/01/31. SPESSARD, R.L. Division of Operational Assessment (Post 870413). BELL, T.L. NRC - No Detailed Affiliation Given. 1p. 52587:185-52587:186.

**-9002070154** Mod 11, providing incremental funding, to "Simulator Lease for C-E Training Course." \* Combustion Engineering, Inc. BELL, S. Contract Administration Branch. FIN B-87700. NRC-05-86-165. 90/01/31. 1p. 52587:186-52587:186.

**9002070181** Notification of contract execution, Mod 14, to "Technical Assistance in Developing & Implementing Programs & Procedures for Reactors Requiring Special Insp Resources." Contractor: Ebasco Svcs, Inc. MEEHAN, B. Contract Administration Branch. FIN D-1768-0. NRC-03-87-119. 90/01/31. BAJWA, S.S. Planning, Program & Management Support Branch (Post 870411). WALKER, W. NRC - No Detailed Affiliation Given. 1p. 52604:253-52604:254.

**-9002070174** Mod 14, providing incremental funding, to "Technical Assistance in Developing Programs & Procedures for Reactors Requiring Special Insp Resources." \* Ebasco Services, Inc. (subs. of Enserch Corp.). BELL, S. Contract Administration Branch. FIN D-1768-0. NRC-03-87-119. 90/01/31. 1p. 52604:254-52604:254.

**9002070187** Notification of contract execution, Mod 7, to "General Course in NDE Technology & Codes." Contractor: Brand Exam Svcs & Testing Co. HUGHES, A. Contract Administration Branch. FIN B-87520. NRC-05-86-167. 90/01/30. SPESSARD, R.L. Division of Operational Assessment (Post 870413). ANDERSON, R. NRC - No Detailed Affiliation Given. 1p. 52604:247-52604:248.

**-9002070193** Mod 7, providing funding & dates for fifth training course, to "General Course in NDE Technology & Codes." \* Brand Examination Services & Testing Co. MACE, M.H. Contract Administration Branch. FIN B-87520. NRC-05-86-167. 90/01/30. 1p. 52604:248-52604:248.

**9002080196** Notification of contract execution, Mod 13, to "Radiation Monitoring Program Requirements." Contractor: Arkansas Dept of Health. CRAMPTON, S. Contract Administration Branch. FIN B-8500-0. NRC-31-83-667. 90/01/31. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLS, J.B. NRC - No Detailed Affiliation Given. 1p. 52588:163-52588:164.

**-9002080205** Mod 13, providing FY90 funds, to "Radiation Monitoring Program Requirements." \* Arkansas, State of. MACE, M.H. Division of Contracts & Property Management (Post 890205). FIN B-8500-0. NRC-31-83-667. 90/01/30. 1p. 52588:164-52588:164.

**9002080227** Notification of contract execution, Mod 3, to "NRC Sys Data Entry." Contractor: SBA Subcontractor: Data Computer Corp of America. KNOX, E. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/31. AMENTA, J. Office of Information Resources Management (Post 890205). DOLLECK, A. NRC - No Detailed Affiliation Given. 1p. 52609:265-52609:267.

**-9002080230** Mod 3, changing name & address of project officer & alternate project officer, to "NRC Sys Data Entry." \* Small Business Administration. \* Data Computer Corp. of America. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-1920-0. NRC-39-89-133. 90/01/31. 2pp. 52609:266-52609:267.

**9002080266** Notification of contract execution, Mod 18, to "Lease of Telecommunication Equipment." Contractor: AT&T Info Sys. HUGHES, A. NRC - No Detailed Affiliation Given. FIN C-20120. NRC-33-87-238. 90/01/31. KRIZIC, P. Office of Information Resources Management (Post 890205). RICKERT, H. NRC - No Detailed Affiliation Given. 1p. 52609:245-52609:247.

**-9002080270** Mod 18, providing incremental funding for Region II, to "Lease of Telecommunication Equipment." \* AT&T Information Systems. BELL, S. Division of Contracts & Property Management (Post 890205). FIN C-20120. NRC-33-87-238. 90/01/31. 2pp. 52609:246-52609:247.

**9002090086** Notification of contract execution, Mod 8, to "Paleoquiescence Features on Atlantic Seaboard." Contractor: Ebasco Svcs, Inc. BRENNAN, P.A. Contract Administration Branch. FIN D-16820. NRC-04-87-117. 90/01/16. GUSTAF, R. Program Management, Policy Development & Analysis Staff (Post 870413). MCMULLEN, R. NRC - No Detailed Affiliation Given. 1p. 52626:347-52626:348.

**-9002090091** Mod 8, extending period of performance at no addl cost, to "Paleoquiescence Features on Atlantic Seaboard." \* Ebasco Services, Inc. (subs. of Enserch Corp.). BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-16820. NRC-04-87-117. 90/01/16. 1p. 52626:348-52626:348.

**9002090147** Notification of contract execution, Mod 4, to "Technical Assistance to Strengthen IAEA Safeguards." Contractor: ER Johnson Assoc, Inc. DUBOSE, B.J. Contract Administration Branch. FIN D-1057-0. NRC-02-89-001. 90/01/23. FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). JOY, D. NRC - No Detailed Affiliation Given. 1p. 52599:192-52599:193.

**-9002090154** Mod 4, extending period of performance at no addl cost or obligation, to "Technical Assistance to Strengthen IAEA Safeguards." \* Johnson, E.R. Johnson Associates, Inc. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-1057-0. NRC-02-89-001. 90/01/23. 1p. 52599:193-52599:193.

**9002120078** Notification of contract execution: "Urine Specimen Testing," awarded to PharmChem Lab, Inc. UMBEL, D. Contract Administration Branch. FIN D-2375-0. NRC-10-90-130. 90/01/11. BRADY, R. Division of Security (Post 890205). DOPP, R.A. NRC - No Detailed Affiliation Given. 1p. 52736:172-52737:048.

**-9002120081** Contract: "Urine Specimen Testing," awarded to PharmChem Lab, Inc. PATTEN, K.W. PharmChem Laboratories, Inc. WIGGINS, E.J. Division of Contracts & Property Management (Post 890205). FIN D-2375-0. NRC-10-90-130. 90/01/11. 236pp. 52736:173-52737:048.

**9002120151** Notification of contract execution: "Fuel Cycle Licensing Technical Assistance," awarded to Science Applications Intl Corp. MEARSE, S.D. Contract Negotiation Branch-1. MEEHAN, B. Contract Administration Branch. NRC-02-90-008. 90/01/29. FUNCHES, J. Program Management, Policy Development & Analysis Staff (Post 870413). TIKTINSKY, D. NRC - No Detailed Affiliation Given. 1p. 52615:251-52616:106.

**-9002120155** Contract: "Fuel Cycle Licensing Technical Assistance," awarded to Science Applications Intl Corp. RODEHAU, T.J. Science Applications International Corp. (formerly Science Applications, Inc.). FLYNN, M.J. Division of Contracts & Property Management (Post 890205). NRC-02-90-008. NRC-02-90-008. 90/01/29. 215pp. 52615:252-52616:106.

**9002130078** Notification of contract execution, Mod 2, to "Development of Data Base of Validation of Flow Transport Models on Unsaturated Soils." Contractor: Univ of Arizona. BAZIN, J.P. Contract Negotiation Branch-2. FIN L-12860. NRC-04-90-058. 90/01/31. SHAO, L.C. Division of Engineering (Post 870413). NICHOLSON, T. NRC - No Detailed Affiliation Given. 1p. 52628:091-52628:093.

## 188 NONDOCKETED ITEMS

—9002130081 Forwards executed Mod 2 to Contract NRC-04-90-058, "Development of Data Base of Validation of Flow Transport Models on Unsaturated Soils." WIGGINS,E.J. Division of Contracts & Property Management (Post 890205). FIN L-12860. NRC-04-90-058. 90/01/31. WHEELER,J.T. Arizona, Univ. of, Tucson, AZ. 1p. 52628:092-52628:092.

—9002130085 Mod 2,correcting obligated amount on Mod 1,to "Development of Data Base of Validation of Flow Transport Models on Unsaturated Soils."  
\* Arizona, Univ. of, Tucson, AZ. WIGGINS,E.J. Contract Administration Branch. FIN L-12860. NRC-04-90-058. 90/01/31. 1p. 52628:093-52628:093.

9002130151 Notification of contract execution,Mod 4, "Technical Assistance to Support Licensing Activities." Contract: Sonalysts,Inc. BRENNAN,P. Contract Administration Branch. NRC-03-89-031. 90/02/05. WEST,K.S. Office of Nuclear Reactor Regulation, Director (Post 870411). PULSIPHER,K. NRC - No Detailed Affiliation Given. 1p. 52645:330-52645:332.

—9002130155 Mod 4, revising indirect rates, to "Technical Assistance to Support Licensing Activities."  
\* Sonalysts, Inc. NRC-03-89-031. 90/02/05. 2pp. 52645:331-52645:332.

9002130173 Notification of contract execution,Mod 3,to "Annual Subscriptions to Energy Daily." Contractor:Energy Daily. DUBOSE,B.J. Contract Administration Branch. FIN D-18790. NRC-39-88-206. 90/01/31. MESSENGER,G.H. Division of Information Support Services (Post 890205). REDMOND,J. NRC - No Detailed Affiliation Given. 1p. 52646:217-52646:219.

—9002130176 Mod 3,obligating funds & extending period of performance,to "Annual Subscriptions to Energy Daily." ROBINSON,R. Energy Daily, Inc. BELL,S. Division of Contracts & Property Management (Post 890205). FIN D-18790. NRC-39-88-206. 90/01/31. 2pp. 52646:218-52646:219.

9002130185 Notification of contract execution,Mod 26,to "Integral Sys Test Program Once-Through Integral Sys & Multi-Loop Integral Sys Test Components." Contractor:B&W. BRENNAN,P. Contract Administration Branch. FIN D-17340. NRC-04-83-168. 90/01/24. GUSTAVE,R.P. Program Management, Policy Development & Analysis Staff (Post 870413). LEE,R. NRC - No Detailed Affiliation Given. 1p. 52644:356-52644:356.

—9002130186 Ltr contract,Mod 26,extending period of performance,to "Integral Sys Test Program Once-Through Integral Sys & Multi-Loop Integral Sys Test Components." BELL,S. Contract Administration Branch. \* Babcock & Wilcox Co. FIN D-17340. NRC-04-83-168. 90/01/16. HAGGARD,R.W. Babcock & Wilcox Co. 2pp. 52644:357-52644:358.

9002150004 Notification of contract execution,Mod 1,to "Fuel Cycle Licensing Technical Assistance." Contractor:Science Applications Intl Corp. FUNCHES,J. Contract Negotiation Branch-1. NRC-02-90-009. 90/02/06. MEARSE,S.D. Program Management, Policy Development & Analysis Staff (Post 870413). TIKITSKY,D. NRC - No Detailed Affiliation Given. 1p. 52677:275-52677:276.

—9002150006 Mod 1, revising contractor number from NRC-02-90-008 to NRC-02-90-009, to "Fuel Cycle Licensing Technical Assistance."  
\* Science Applications International Corp. (formerly Science Applications, Inc.). FLYNN,M.J. Contract Administration Branch. NRC-02-90-009. 90/02/06. 1p. 52677:276-52677:276.

9002150014 Notification of contract execution,Mod 25,Task Order 3, to "Technical Assistance in Developing & Implementing Programs & Procedures for Reactors Requiring Special Insp Resources." Contract:Resource Technical Svcs,Inc. MEEHAN,B. Contract Administration Branch. FIN D-1787-0. NRC-03-87-119. 90/02/08. BAJWA,S.S. Planning, Program & Management Support Branch (Post 870411). WALKER,W. NRC - No Detailed Affiliation Given. 1p. 52675:142-52675:144.

—9002150016 Mod 25,Task 3,providing incremental funding,to "Technical Assistance in Developing & Implementing Programs & Procedures for Reactors Requiring Special Insp Resources."  
\* RTS Co. MACE,M.H. Contract Administration Branch. FIN D-1787-0. NRC-03-87-119. 90/02/08. 2pp. 52675:143-52675:144.

9002160147 Notification of contract execution,Mod 21,to "ADP Sys Development." Contractor:Sys Automation Corp. FIELDS,J. Contract Administration Branch. FIN B-8166-9. NRC-39-87-224. 90/01/11. KRZUC,P. Division of Computer & Telecommunications Services (Post 890205). SCHNAPPER,J. NRC - No Detailed Affiliation Given. 1p. 52670:063-52670:066.

—9002160150 Mod 21,providing incremental funding,exercising option, extending period of performance to 911217,increasing cost ceiling & revising indirect rates, to "ADP Sys Development." Info re indirect rates partially deleted. CARSON,R.J. System Automation Corp. BELL,S. Contract Administration Branch. FIN B-8166-9. NRC-39-87-224. 90/01/11. 3pp. 52670:064-52670:066.

9002160155 Notification of contract execution,Mod 1, to "Task Sys Data Entry," Task 1, "Review & Supervision." Contractor:SBA. Subcontractor:Data Computer Corp of America. KNOX,E. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/23. AMENTA,J.A. Office of Information Resources Management (Post 890205). DOLLECK,A. NRC - No Detailed Affiliation Given. 1p. 52668:319-52668:321.

—9002160156 Ltr contract Mod 1,Task Order 1,providing no-cost extension through 900302, to "NRC Sys Data Entry." BELL,S. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/19. HUTCHENS,T.E. Data Computer Corp. of America. 2pp. 52668:320-52668:321.

9002220030 Notification of contract execution: "Rev of NRC Guidance on Respiratory Protection," awarded to Radiation Safety Assoc, Inc. MCLEAREN,T. Office of Administration (Post 890205). FIN D-20500. NRC-04-90-073. 90/02/13. MORRIS,B. Division of Regulatory Applications (Post 870413). ROECKLEIN,A. NRC - No Detailed Affiliation Given. 1p. 52673:277-52674:071.

—9002220035 Contract: "Rev of NRC Guidance on Respiratory Protection," awarded to Radiation Safety Assoc, Inc. STEINMEYER,P. Radiation Safety Associates, Inc. FLYNN,M.J. Division of Contracts & Property Management (Post 890205). FIN D-20500. NRC-04-90-073. 90/02/13. 154pp. 52673:278-52674:071.

9002220178 Notification of contract execution, "Computer Output Microfilm Svcs," awarded to ComData,Inc. CANTOR,C. Contract Negotiation Branch-1. FIN D-1910-0. NRC-33-90-187. 90/02/09. AMENTA,J. Office of Information Resources Management (Post 890205). LEE,L. NRC - No Detailed Affiliation Given. 1p. 52673:102-52673:166.

—9002220187 Contract: "Computer Output Microfilm Svcs." awarded to ComData,Inc. \* ComData, Inc. FLYNN,M.J. Division of Contracts & Property Management (Post 890205). FIN D-1910-0. NRC-33-90-187. 90/02/09. 63pp. 52673:103-52673:166.

9002220180 Notification of contract execution,Mod 1,Task 2, "Data Entry for Training." Contractor:SBA.Subcontractor:Data Computer Corp of America. KNOX,E. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/23. AMENTA,J.A. Office of Information Resources Management (Post 890205). DOLLECK,A. NRC - No Detailed Affiliation Given. 1p. 52671:067-52671:069.

—9002220189 Ltr Contract NRC-39-89-133,Mod 1,Task 2,authorizing no cost extension through 900531, to "Data Entry for Training." BELL,S. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/19. HUTCHENS,T.E. Data Computer Corp. of America. 2pp. 52671:068-52671:069.

9002220193 Notification of contract execution,Mod 1, "NRC Sys Data Entry," Task 5, "Data Entry Support for SINET." Contractor:SBA.Subcontractor:Data Computer Corp of America. KNOX,E. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/23. AMENTA,J.A. Office of Information Resources Management (Post 890205). DOLLECK,A. NRC - No Detailed Affiliation Given. 1p. 52674:072-52674:074.

—9002220197 Ltr contract,Mod 1 to Task Order 5, "Data Entry Support for SINET," extending terms of task order through 900331 at no addl cost to govt, to "NRC Sys Data Entry." BELL,S. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/19. HUTCHENS,T.E. Data Computer Corp. of America. 2pp. 52674:073-52674:074.

9002220208 Notification of contract execution,Mod 1, to "NRC Sys Data Entry," to Task Order 007, "Data Entry for CIS." Contractor: SBA.Subcontractor:Data Computer Corp of America. KNOX,E. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/23. AMENTA,J.A. Office of Information Resources Management (Post 890205). DOLLECK,A. NRC - No Detailed Affiliation Given. 1p. 52678:271-52678:273.

—9002220214 Ltr contract NRC-39-89-133,Mod 1 to Task Order 007,extending term of task through 900330, to "NRC Sys Data Entry." BELL,S. Contract Administration Branch. FIN D-1920-0. NRC-39-89-133. 90/01/19. HUTCHENS,T.E. Data Computer Corp. of America. 2pp. 52678:272-52678:273.

9002220307 Notification of contract execution,Mod 9, to "Mandatory Supervisory Development Program Training." Contractor: Graduate School USDA. HUGHES,A. Contract Administration Branch. FIN D-23000. NRC-10-87-207. 90/02/01. GOLDMAN,P.J. Ofc of Personnel (Post 870413). SPECTOR,A. NRC - No Detailed Affiliation Given. 1p. 52674:355-52674:357.

—9002220315 Mod 9,providing incremental funding & extending period of performance until 900531, to "Mandatory Supervisory Development Program Training." POOLE,G.R. Agriculture, Dept. of, Graduate School, Washington, DC. MACE,M.H. Division of Contracts & Property Management (Post 890205). FIN D-23000. NRC-10-87-207. 90/02/01. 2pp. 52674:356-52674:357.

## FOIA FREEDOM OF INFORMATION ACT REQUESTS AND RELEASES

9002020137 Partial response to FOIA request for documents.App C & D info available in PDR.App D records also encl. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/25. WILLIAMS,O. JRA Associates. 6pp. 52499:195-52501:084.

—8708100059 Forwards draft temporary instruction on commercial grade procurement,intended to provide insp guidance for commercial grade procurement of spare & replacement parts.Comments requested by 870821. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 87/08/04. KANE,W.F. Region 1, Ofc of the Director. 8pp. 52501:043-52501:050.

—8712240090 Forwards draft insp procedure on commercial grade procurement.Comments requested by 880122. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 87/12/21. KANE,W.F. Region 1, Ofc of the Director. 10pp. 52501:051-52501:084.

—8802240391 Forwards comments on draft insp procedure on commercial grade procurement. PARTLOW,J.G. Division of Reactor Inspection & Safeguards (Post 870411). 88/02/08. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 20pp. 52500:020-52500:039.

—8803220149 Forwards Insp Procedure 38703 on commercial grade procurement for review & approval.Purpose of document is to provide insp guidance for procurement of commercial grade spare & replacement parts. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 88/03/15. GILLESPIE,F.P. Program Management, Policy Development & Analysis Staff (Post 870411). 23pp. 52499:352-52500:019.

—8803220156 Submits comments re draft insp procedure on commercial grade procurement.Comments clarify Section 38703-04 of procedure. GIBSON,A.F. Region 2, Ofc of the Director. 88/01/19. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 2pp. 52500:015-52500:016.

—8803220162 Forwards comments on draft Insp Procedure 38703 on commercial grade procurement in response to 871231 memo. MILLER,H.J. Region 3, Ofc of the Director. 88/01/21. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 2pp. 52500:017-52500:018.

—8803220282 Discusses draft insp procedure on commercial grade procurement.Insp guidance should be augmented to stress importance of ascertaining that appropriate configuration control measures being implemented by licensee. MILHOAN,J.L. Region 4, Ofc of the Director. 88/01/25. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 1p. 52500:019-52500:019.



- 8810210189 Confirms agreement between F Hawkins & F Cherny re NRC endorsement of EPRI NP-5652 (NCIG-07), "Guidelines for Utilization of Commercial Grade Items in Nuclear Safety-Related Applications." ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 88/10/17. HOUSTON,R.W. Division of Safety Issue Resolution (Post 880717). 2pp. 52499:201-52499:202.
- 8901240247 Responds to 881122 memo requesting comments on draft advanced notice of proposed rulemaking by C.O.B. on 881202. Div of Licensee Performance & Quality Evaluation comments end. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 88/12/05. GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 4pp. 52499:203-52499:206.
- 8901310248 Forwards generic ltr re nonconforming products & dedication of commercial-grade products for review. SNIEZEK,J.H. Office of Nuclear Reactor Regulation, Director (Post 870411). IEB-87-002. 89/01/23. JORDAN,E.L. Committee to Review Generic Requirements. 155pp. 52499:207-52499:351.
- 8904280054 Trip rept of 890417 visit to Region II to discuss commercial grade procurement based on IP-38703. Viewgraphs encl. WHARTON,L.R. Performance & Quality Evaluation Branch (Post 890101). 89/04/24. GODY,A.T. Performance & Quality Evaluation Branch (Post 890101). 300pp. 69739:266-69739:284.
- 8902020172 Lists questions raised during 880808-12 commercial grade procurement Insp at plant concerning compliance w/NRC requirements for safety-related structures, components or sys. Agency position re subj questions requested. KIRSCH,D.F. Region 5, Ofc of the Director. 88/09/14. KNIGHTON,G. Project Directorate V. 1p. 52501:035-52501:042.
- 9002020217 FOIA request for all records supplied to PDR under FOIA Request 89-374, App A-D. GAGNE,C.C. Affiliation Not Assigned. 90/01/10. NRC - No Detailed Affiliation Given. 1p. 52501:287-52501:287.
- 9002020218 Final response to FOIA request for records. Documents available in PDR & LPDR. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/31. GAGNE,C.C. Affiliation Not Assigned. 3pp. 52501:288-52501:290.
- 9002020241 Partial response to FOIA request for records. App E & releasable portions of App F records encl & available in PDR. App F records partially & App G records completely withheld (ref FOIA Exemption 5). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/30. WILLIAMS,O. JRA Associates. 5pp. 52501:273-52501:286.
- 9002020246 Forwards comments on draft Insp guidance on commercial grade procurement, per 870804 request. PARTLOW,J.G. Division of Reactor Inspection & Safeguards (Post 870411). 87/09/16. ROE,J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 5pp. 52501:281-52501:285.
- 9002020249 Forwards FR notice on 10CFR50, "Acceptance of Products Purchased for Use in Nuclear Power Plant Structures, Sys & Components," for signature & concurrent publication in FR. MEYER,D.L. Regulatory Publications Branch. 89/02/23. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52501:286-52501:286.
- 9002020257 FOIA request for Marathon Watch Co license, application package & related correspondence. BICKMAN,J. Stocker & Yale, Inc. 90/01/04. BAGGETT,S., RICH,T. NRC - No Detailed Affiliation Given. 40pp. 52501:085-52501:124.
- 9002020260 Partial response to FOIA request for records. App A & B records encl & available in PDR. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/30. BICKMAN,J. Stocker & Yale, Inc. 4pp. 52501:125-52501:272.
- 9002020265 Forwards application for license, authorizing use of tritium in compasses. WEIN,L. Marathon Watch Co., Ltd. 020843. 89/07/11. BAGGETT,S. Division of Industrial & Medical Nuclear Safety (Post 870729). 1p. 52501:129-52501:129.
- 9002020266 Application for license, authorizing transfer of compasses containing tritium. Fee paid. WEIN,L. Marathon Watch Co., Ltd. 020843. 89/07/11. 49pp. 52501:130-52501:178.
- 9002020271 Forwards MIL-W-46374E, requiring glass vial encapsulated tritium for mechanical & quartz wristwatches. Fee paid. WEIN,L. Marathon Watch Co., Ltd. 89/07/26. DESCHAMPS,F. Medical, Academic & Commercial Use Safety Branch. 4pp. 52501:179-52501:182.
- 9002020277 Forwards ltr from Dow Corning re 732 multi-purpose sealant & drawing missing from compass specs. WEIN,L. Marathon Watch Co., Ltd. 89/08/04. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 3pp. 52501:183-52501:185.
- 9002020279 Forwards drawings & prints for navigational watch & military wristwatch. WEIN,L. Marathon Watch Co., Ltd. 89/08/08. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 8pp. 52501:186-52501:193.
- 9002020280 Amend to application for license, authorizing possession of tritium in watches & compasses. WEIN,L. Marathon Watch Co., Ltd. 89/08/23. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 10pp. 52501:194-52501:203.
- 9002020282 Provides answer to Section 32.23(d) re accident w/number of watches destroyed in same area. WEIN,L. Marathon Watch Co., Ltd. 89/08/24. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 1p. 52501:204-52501:204.
- 9002020283 Forwards specs for navigational watch Model 211. WEIN,L. Marathon Management Co., Ltd. 89/08/29. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 29pp. 52501:205-52501:233.
- 9002020284 Forwards drawings of navigational watch & general purpose watch w/ vials. WEIN,L. Marathon Watch Co., Ltd. 89/08/30. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 5pp. 52501:234-52501:238.
- 9002020286 Corrects 890824 ltr to read 10 compasses w/50 mrem/s & provides answer to Number 3 re immersion resistance of vials. WEIN,L. Marathon Watch Co., Ltd. 89/09/05. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 1p. 52501:239-52501:239.
- 9002020290 Forwards missing pages from MIL-C-10436L & sample of compass Model CO 190001. WEIN,L. Marathon Watch Co., Ltd. 89/08/02. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 3pp. 52501:240-52501:242.
- 9002020292 Submits answers to questions of 890905 re wristwatches & compasses. WEIN,L. Marathon Watch Co., Ltd. 89/09/13. BAGGETT,S. NRC - No Detailed Affiliation Given. 2pp. 52501:243-52501:244.
- 9002020293 Submits continuation of answers to 890905 questions re amount of silicon glue per compass. WEIN,L. Marathon Watch Co., Ltd. 89/09/18. BAGGETT,S. NRC - No Detailed Affiliation Given. 1p. 52501:245-52501:245.
- 9002020296 Requests listed info re 890711 & 0823 applications for license for registration of military compass & two military watches & confirms 890905 telcon. DESCHAMPS,F. Medical, Academic & Commercial Use Safety Branch. 89/09/29. WEIN,L. Marathon Management Co., Ltd. 2pp. 52501:246-52501:247.
- 9002020298 Submits answers to 890929 questions re watches & compasses mfg by mb-microtec ag. WEIN,L. Marathon Watch Co., Ltd. 89/10/05. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 1p. 52501:248-52501:248.
- 9002020300 Forwards drawings of listed vials to be used in watches, per 890929 ltr. WEIN,L. Marathon Watch Co., Ltd. 89/10/10. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 9pp. 52501:249-52501:257.
- 9002020301 Forwards faxes from mb-microtec specifying that all sources registered w/NRC Under NR-448-5-1025. WEIN,L. Marathon Watch Co., Ltd. 89/11/01. DESCHAMPS,F. NRC - No Detailed Affiliation Given. 3pp. 52501:258-52501:260.
- 9002020306 Confirms address & legal representative as listed per 900103 & 04 telcons. WEIN,L. Marathon Watch Co., Ltd. 90/01/09. BAGGETT,S., DESCHAMPS,F. Fuel Cycle Safety Branch. 3pp. 52501:261-52501:263.
- 9002020308 Requests listed info re application for license to distribute compass Model 190001 & watch Models 211, 348 & 350. DESCHAMPS,F. Fuel Cycle Safety Branch. 90/01/09. WEIN,L. Marathon Management Co., Ltd. 1p. 52501:264-52501:264.
- 9002020310 Requests listed addl info to continue review of 890711 ltr requesting registration of lensatic compass. DESCHAMPS,F. Fuel Cycle Safety Branch. 89/08/16. WEIN,L. Marathon Watch Co., Ltd. 1p. 52501:265-52501:265.
- 9002020311 Forwards extra fees for application. WEIN,L. Marathon Watch Co., Ltd. 89/07/28. KIMBERLEY,S. License Fee Management Branch (890205-890826). 1p. 52501:266-52501:266.
- 9002020313 Forwards fee for application for license. WEIN,L. Marathon Watch Co., Ltd. 020843. 89/08/25. JACKSON,G. License Fee Management Branch (890205-890826). 1p. 52501:267-52501:267.
- 9002020315 Advises of refund of fee for 890726 application for license. JACKSON,G. License Fee Management Branch (890205-890826). 020843. 89/10/02. WEIN,L. Marathon Management Co., Ltd. 5pp. 52501:268-52501:272.
- 9002050091 FOIA request for documents re Shieldalloy Metallurgical Corp. including but not limited to correspondence between NRC & licensee, New Jersey EPA & other governmental agencies & documentation re on & off site radwaste storage & disposal. BEREZOFSKY,E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 89/10/18. MILLER,M. Region 1, Ofc of the Director. 1p. 52551:182-52551:182.
- 9002050102 Final response to FOIA request for documents. App A,B & C records encl & also available in PDR. App D records available in PDR. App E documents partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/23. BEREZOFSKY,E. Tomar, Simonoff, Adourian & O'Brien (formerly Tomar, Parks, Seliger, Simonoff & 36pp. 52551:183-52551:090.
- 7906190586 Requests addl info re 771223 application for renewal of License SMB-743. Info needed re final product produced by licensee, ultimate use of each product & results of analysis of amounts of thorium &/or U in final products. GUINN,P.R. Materials Licensing Branch. 08352. 79/05/07. LONGAKER,J.B. Metallurg, Inc. 2pp. 52552:161-52552:182.
- 7906140357 Responds to NRC 790507 request for addl info re application for renewal of License SMB-743. Provides info, including description of final products, results of analysis of final product & total amount of thorium & U possessed at any time. LONGAKER,J.B. Metallurg, Inc. 13385. 79/06/28. GUINN,P.R. Materials Licensing Branch. 4pp. 52552:163-52552:166.
- 7911300323 Ack receipt of 790628 application for renewal of Matl/ Byproduct License SMB-743. Requests addl info re amount of thorium & U contained in slag & other wastes stored in slag dump & calibr procedures for radiation survey meters. GUINN,P.R. Materials Licensing Branch. 08352. 79/10/23. LONGAKER,J.B. Metallurg, Inc. 2pp. 52552:167-52552:168.
- 8004290249 Ack receipt of 791116 ltr w/addl info re renewal of Matl/ Byproduct License SMB-743. Requests submittal of plans for waste disposal, as originally requested in NRC 791023 ltr. Review will continue upon receipt of info. GUINN,P.R. Materials Licensing Branch. 08352. 80/04/04. LONGAKER,J.B. Metallurg, Inc. 1p. 52552:181-52552:181.

## 190 NONDOCKETED ITEMS

- 8006170424 Submits addl info requested by NRC 800404 ltr re application to renew matl/byproduct license SMB-743. Disposal of ferrocolombian slag would require transfer of 122 million lb of matl. Requests meeting.  
LONGAKER, J.B. Metallurg, Inc. 08352. 80/04/16. GUINN, P.R. Materials Licensing Branch. 3pp. 52553:052-52553:054.
- 8006170624 Submits addl info requested by NRC 800523 ltr re application to renew matl/byproduct license. Describes storage of ferrocolombian slag. State of NJ concerns re licensee methods of slag storage rectified.  
LONGAKER, J.B. Metallurg, Inc. 08352. 80/05/27. GUINN, P.R. Materials Licensing Branch. 2pp. 52552:182-52552:183.
- 8008250641 Amend 6 to License SMB-0743 for Shieldalloy Corp, amending license in entirety.  
GUINN, P.R. Materials Licensing Branch. 81/02/06. 1p. 52551:323-52551:324.
- 8505240563 Forwards application for license, per 850509 telcon. Instructions provided for renewal of application for License SMB-743. W/o encl.  
COOL, D.A. Uranium Fuel Licensing Branch. 85/05/14. SINKINS, A. Metallurg, Inc. 1p. 52552:197-52552:197.
- 8507030282 Discusses insp of License SMB-743 on 850402 & forwards notice of violation. Corrective actions described in 801030 ltr not effective. Response should address recurrent violations & provide addl info re waste storage & disposal.  
KINNEMAN, J.D. Region 1, Ofc of the Director. 85/06/21. KRISTOFF, F. Metallurg, Inc. 3pp. 52552:198-52552:202.
- 8507030293 Notice of violation from insp on 850402. Violations noted: air surveys in blending area not performed since 800926 & air surveys in furnace area performed only four times in 1981, once per yr during 1982-84 & not at all in 1985.  
\* Region 1, Ofc of the Director. 85/06/21. 2pp. 52552:201-52552:202.
- 8710060126 License SMB-1507 for Shieldalloy Corp, Div of Metallurg, Inc., authorizing possession of U & thorium as contaminant in slag from previous alloy furnace operations.  
MCCANN, G.M. Region 3, Ofc of the Director. 87/05/27. 2pp. 52551:251-52551:252.
- 8710060147 License SMB-850 for Foote Mineral Co, authorizing possession of 6,900 lbs U & thorium as contaminant in slag furnacing operations, per licensee 700812 application.  
LAYFIELD, R.L. Atomic Energy Commission (Pre 750101). 83535. 70/08/28. 1p. 52553:291-52553:291.
- 8801120082 Discusses Safety Insp 40-7102/87-01 on 871019. No violations noted.  
WHITE, J.R. Region 1, Ofc of the Director. 87/12/28. MAGLIOCCO, L.A. Metallurg, Inc. 12pp. 52552:281-52552:292.
- 9002050112 Safety insp on 670323 of License SMB-0850. Insp findings: no noncompliance noted.  
HUETER, L.J. Atomic Energy Commission (Pre 750101). \* Vanadium Corporation of America. 67/03/23. 1p. 52551:219-52551:219.
- 9002050124 Undated ltr ack receipt of 870302 ltr & 870423 telcon re licensee intention to sell Cambridge, OH plant to Shieldalloy Corp. Requests listed info needed before NRC will authorize release of licensee properties for unrestricted use.  
MCCANN, G.M. Region 3, Ofc of the Director. 83535. 90/02/05. JACOBSON, R.N. Foote Mineral Co. 2pp. 52551:220-52551:243.
- 9002050150 Documents history of License SMB-0850 from 650910 license issuance & provides summary of Region III 870330 meeting w/ Shieldalloy Corp re purchase of plant facilities from Foote Mineral Co. Concludes that 10CFR40.42 applies to purchase.  
MCCANN, M. Region 3, Ofc of the Director. 87/04/08. MALLETT, B. Region 3, Ofc of the Director. 6pp. 52551:244-52551:249.
- 9002050158 Provides licensee concurrence in transfer of responsibility for decommissioning site at Cambridge, OH to Cambridge Alloys & Chemicals, Inc. Requests authorization to transfer onsite radwaste matl to same company.  
JACOBSON, R.N. Foote Mineral Co. 87/05/05. MCCANN, G.M. Region 3, Ofc of the Director. 1p. 52551:250-52551:250.
- 9002050173 Responds to 870505 ltr requesting consent to transfer possession of onsite radwaste matls from Foote Mineral Co to Shieldalloy Corp. Advises that License SMB-1507 issued to latter, License SMB-0850 retired & 870505 request granted.  
MCCANN, G.M. Region 3, Ofc of the Director. 87/06/09. JACOBSON, R.N. Foote Mineral Co. 1p. 52551:253-52551:253.
- 9002050190 Ack helpful advice in preparation of decontamination/ decommissioning plan. Forwards draft Document Ref G277-200/A as condition of License SMB-1507. Advises of 871026 meeting, subj to NRC confirmation, to discuss draft.  
HOLMERS, R.E. ENSR Consulting & Engineering (formerly ERT). 87/10/07. MCCANN, G.M. Region 3, Ofc of the Director. 10pp. 52551:254-52551:263.
- 9002050199 Summary of trip to Shieldalloy facilities in Cambridge, OH re 871117 meeting w/ licensee to discuss options for disposal of large piles of thorium/U contaminated slag currently possessed under License SUB-0850.  
MCCANN, G.M. Region 3, Ofc of the Director. 87/11/18. Region 3, Ofc of the Director. 2pp. 52551:264-52551:265.
- 9002050215 Advises of 880101 name change to Shieldalloy Metallurgical Corp & provides addl info to suppl previous submittal re plan for Cambridge, OH facility.  
CAMPBELL, G.T. Metallurg, Inc. 87/11/27. MCCANN, G.M. Region 3, Ofc of the Director. 1p. 52551:266-52551:300.
- 9002050222 Trip rept of 880419-21 tour of four licensed contaminated sites in State of OH to meet w/ licensee & to determine status of decontamination of subj facilities.  
SHAFER, W.D. Region 3, Ofc of the Director. 88/05/02. NORELIUS, C.E. Region 3, Ofc of the Director. 3pp. 52551:301-52551:303.
- 9002050228 Advises of transfer of official file for Shieldalloy Corp to NMSS, per 880518 discussion & request.  
MCCANN, G.M. Region 3, Ofc of the Director. 88/05/31. ROUSE, L.C. Fuel Cycle Safety Branch. 3pp. 52551:304-52551:306.
- 9002050235 Discusses Oak Ridge Associated Univ activities for wk of 891106. Confirms telcon re confirmatory survey of remediated areas at Shieldalloy on 891107-08.  
BERGER, J.D. Oak Ridge Associated Univs. 89/10/23. GIBBONS, D. Region 3, Ofc of the Director. 4pp. 52551:307-52551:310.
- 9002050240 Trip rept of 891106 visit at Shieldalloy site at Cambridge, OH to observe Oak Ridge Associated Univ personnel during preliminary survey of site for decommissioning.  
GIBBONS, D.R. Region 3, Ofc of the Director. 89/11/30. SRINIAWSKI, D. Region 3, Ofc of the Director. 2pp. 52551:311-52551:312.
- 9002050242 License SMB-0743 for Shieldalloy Corp, authorizing use of 17,700 lb Brazilian pyrochlore containing not more than 0.07% U & 2.05% thorium for production of ferro columbium & columbium nickel.  
NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 63/12/26. 1p. 52551:313-52551:313.
- 9002050247 Amend 1 to License SMB-0743 for Shieldalloy Corp, authorizing use of 125,000 lb Brazilian pyrochlore containing 0.07% U & 2.0% thorium for production of ferro columbium & columbium nickel.  
NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 65/02/01. 2pp. 52551:314-52551:315.
- 9002050250 Forwards Amend 2 to License SMB-0743.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/09/21. CLYMER, W.B. Shieldalloy Metallurgical Corp. 1p. 52551:316-52551:316.
- 9002050254 Amend 2 to License SMB-0743 for Shieldalloy Corp, authorizing use of unlimited quantities of metalliferous ore containing 2% U & 4% thorium.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/09/21. 2pp. 52551:317-52551:318.
- 9002050273 Amend 3 to License SMB-0743 for Shieldalloy Corp, adding Condition 10 to exempt licensee from requirements of 10CFR20.203(e)(2) & 20.203(f)(2).  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/12/27. 1p. 52551:319-52551:319.
- 9002050307 Amend to License SMB-0743 for Shieldalloy Corp, amending Item 10 of license to exempt licensee from requirements of 10CFR20.203(e)(2).  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 66/11/02. 1p. 52551:320-52551:320.
- 9002050313 Amend 4 to License SMB-0743 for Shieldalloy Corp, authorizing use of metalliferous ore containing 0.4% U & 2% thorium for ore processing.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 69/01/10. 1p. 52551:321-52551:321.
- 9002050317 Amend 5 to License SMB-0743 for Shieldalloy Corp, authorizing use of metalliferous ore containing 0.4% U & 2% thorium for ore processing.  
DAVIS, F.C. Atomic Energy Commission (Pre 750101). 73/01/24. 1p. 52551:322-52551:322.
- 9002050345 Discusses insp of License SMB-0743. Noncompliance noted. Requests reply within 20 days of ltr date.  
KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 65/06/30. CLYMER, W.B. Shieldalloy Metallurgical Corp. 1p. 52551:325-52551:325.
- 9002050365 Notice of noncompliance from insp on 650526. Noncompliance noted: matls possessed & used in form of Norwegian & Nigerian ore w/o authorization, source matl inventory in noncompliance w/ License Condition 7 & slag storage drums not labeled.  
VINGUERRA, E. Atomic Energy Commission (Pre 750101). 65/06/30. 11pp. 52551:326-52551:336.
- 9002050373 Recommends that attention be given to licensee air surveys during next insp of License SMB-0743. Complete info on method for obtaining & analyzing samples not available during 650526 insp.  
VINGUERRA, E. Atomic Energy Commission (Pre 750101). 65/07/13. Atomic Energy Commission (Pre 750101). 1p. 52551:337-52551:337.
- 9002050381 Ack receipt of 650706 ltr informing NRC of steps taken to correct noncompliance noted in 650630 ltr & Form AEC-592.  
KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 65/07/13. CLYMER, W.B. Shieldalloy Metallurgical Corp. 1p. 52551:338-52551:338.
- 9002050394 Responds to NRC 650630 ltr re noncompliance noted in 650526 insp. Corrective actions taken: amend to License SMB-0743, covering licensing of Nigerian & Norwegian ores & baddeleyite requested & slag storage drums labeled.  
CLYMER, W.B. Shieldalloy Metallurgical Corp. 65/07/06. KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 2pp. 52551:339-52551:340.
- 9002050407 Compliance inquiry memo re possible violation of conditions of License STC-133 by GSA, per Shieldalloy personnel. Advises that amend to License STC-133 will be submitted to comply w/ 10CFR40 requirement.  
RYAN, A.F. Region 1, Ofc of the Director. 65/07/29. Atomic Energy Commission (Pre 750101). 3pp. 52551:341-52551:343.
- 9002050410 Safety insp on 680607 of License SMB-0743. Insp findings: no noncompliance noted.  
STEARNS, C.F. Atomic Energy Commission (Pre 750101). \* Shieldalloy Metallurgical Corp. 68/06/07. 1p. 52551:344-52551:344.
- 9002050415 Forwards Form AEC-591 re insp conducted on 680607. No noncompliance noted.  
KIRKMAN, R.W. Atomic Energy Commission (Pre 750101). 68/06/21. SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 1p. 52551:345-52551:345.
- 9002050422 Insp Rept 40-7102/68-01 on 680607. No noncompliance noted. Major areas inspected: administrative control, use of licensed matl, facilities, equipment, radiological safety procedures & personnel monitoring & exposure to external radiation.  
STEARNS, C.F., NELN, P.M. Atomic Energy Commission (Pre 750101). 68/07/17. 18pp. 52551:346-52552:004.
- 9002050426 Application for renewal of License SMB-0743, authorizing use of unlimited quantities of metalliferous ores containing 0.4% U & 2% thorium for ore processing.  
SEYBOLD, C.F. Shieldalloy Metallurgical Corp. 73/01/12. 3pp. 52552:005-52552:007.
- 9002050429 License SMB-0743 for Shieldalloy Corp, authorizing use of unlimited quantities of metalliferous ore containing 0.4% U & 2% thorium for ore processing.  
DAVIS, F.C. Atomic Energy Commission (Pre 750101). 73/01/24. 3pp. 52552:008-52552:009.

- 9002050430 Discusses Insp Rept 40-7102/76-01 on 761006 & forwards notice of violation. NELSON,P.R. Region 1, Ofc of the Director. 76/10/15. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 10pp. 52552:010-52552:019.
- 9002050434 Notice of violation from insp on 761006.Violation noted: failure to make surveys necessary to determine that extent of exposure of persons handling significant quantities of U & thorium bearing ore & to assure compliance w/10CFR20.106. \* Region 1, Ofc of the Director. 76/10/15. 7pp. 52552:020-52552:026.
- 9002050440 Responds to NRC 761015 ltr re violations noted in insp on 761006.Corrective actions taken:Parts 19 & 20 of License SMB-0743 & Form NRC 3 posted in certain places per 10CFR19.11 & complied w/requirements re restricted areas. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 76/11/11. Region 1, Ofc of the Director. 4pp. 52552:027-52552:031.
- 9002050442 Ack receipt of 761111 ltr informing NRC of corrective & preventive actions taken re violations noted in Insp Rept 40-7102/76-01. NELSON,P.R. Region 1, Ofc of the Director. 76/11/19. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 6pp. 52552:032-52552:100.
- 9002060032 Ack receipt of 770224 & 0311 responses to NRC 761119 ltr. Info supplied re licensee radiation safety program & results of dust surveys to be taken when operations involving radioactive matts resumed,will be reviewed during next Insp. NELSON,P.R. Atomic Energy Commission (Pre 750101). 77/03/16. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 1p. 52552:101-52552:101.
- 9002060040 Provides addl response to NRC 761015 ltr re violations noted in Insp Rept 40-7102/76-01 on 761006.Retained WL Silvermail as consultant to review licensee radiation safety program at Newfield facility.Consultant review rept forwarded.W/o end. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 77/03/11. NELSON,P.R. Region 1, Ofc of the Director. 2pp. 52552:102-52552:103.
- 9002060047 Informs that 770301 due date for rept of WL Silvermail re study of licensee radiation safety program will be missed by few days.Final rept will be forwarded upon receipt from consultant for NRC review. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 77/02/24. NELSON,P.R. Region 1, Ofc of the Director. 3pp. 52552:104-52552:106.
- 9002060058 Application for renewal of License SMB-0743,authorizing use of unlimited quantities of metalliferous ores containing 0.4% U & 2.0% thorium for ore processing & potential radiation hazard evaluation per procedures described. LONGAKER,J.B. Shieldalloy Metallurgical Corp. 08352. 77/12/23. Division of Fuel Cycle & Material Safety (Pre 870413). 35pp. 52552:107-52552:141.
- 9002060071 Discusses insp of License SMB-0743 on 771213 & forwards notice of violation. MCCLINTOCK,R.O. Region 1, Ofc of the Director. 78/01/03. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 11pp. 52552:142-52552:152.
- 9002060079 Notice of violation from insp on 771213.Violation noted: failure to evaluate concentration of thorium released to unrestricted area in air leaving filter house,per 10CFR20.106. \* Region 1, Ofc of the Director. 78/01/03. 1p. 52552:153-52552:153.
- 9002060120 Ack receipt of 780110 ltr informing NRC of corrective & preventive actions taken re violations noted in Insp Rept 40-7102/77-01. MCCLINTOCK,R.O. Region 1, Ofc of the Director. 78/02/08. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 2pp. 52552:154-52552:155.
- 9002060133 Responds to NRC 780103 ltr re violations noted in Insp Rept 40-7102/77-01.Provides discussion & analysis of licensee position re thorium concentration evaluation to show full compliance w/10CFR20.201(b) & 10CFR20.106. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 78/01/10. MCCLINTOCK,R.O. Region 1, Ofc of the Director. 3pp. 52552:156-52552:158.
- 9002060135 Forwards 10CFR20.407 dtd 780929,per 781207 request. MCCLINTOCK,R.O. NRC - No Detailed Affiliation Given. 79/01/08. LONGAKER,J.B. Shieldalloy Metallurgical Corp. 1p. 52552:159-52552:159.
- 9002060139 Requests for 780929 10CFR20.407 re annual submission of exposure levels of employees to Federal Govt.Subj document needed to keep licensee radiation safety program up to date. LONGAKER,J.B. Metallurg. Inc. 78/12/07. MCCLINTOCK,R.O. Region 1, Ofc of the Director. 1p. 52552:160-52552:160.
- 9002060173 Insp Rept 40-7102/77-01 on 791031.No noncompliance noted. Major areas inspected:mgt meeting & mgt organization. COSTELLO,J., CAMPBELL,M., MCCLINTOCK,R.O. Region 1, Ofc of the Director. 79/11/06. 9pp. 52552:169-52552:177.
- 9002060182 Provides addl info re renewal of License SMB-0743,per 791023 request. LONGAKER,J.B. Metallurg. Inc. 14746. 79/11/16. GUINN,P.R. Materials Licensing Branch. 3pp. 52552:178-52552:180.
- 9002060197 Documents telcon w/J Wilson of Academy of Natural Science in Philadelphia,PA, re leaking drums in Newfield landfill owned by licensee.Insp of subj leaking drums requested. KINNEMAN,J.D. NRC - No Detailed Affiliation Given. 80/09/11. NRC - No Detailed Affiliation Given. 1p. 52552:184-52552:184.
- 9002060204 Insp Rept 40-7102/80-01 on 800926.Noncompliance noted.Major areas inspected:mgt meeting,program requirements, independent insp effort,transportation,organization,licensee internal audits & training & instructions to employees. KINNEMAN,J.D. NRC - No Detailed Affiliation Given. 80/10/08. 9pp. 52552:185-52552:193.
- 9002060217 Forwards ltr to Shieldalloy Corp,terminating svcs as consultant on License SMB-0743. SILVERMAIL,W.L. Silvermail, W.L. 82/10/15. Region 1, Ofc of the Director. 2pp. 52552:194-52552:195.
- 9002060225 Advises that next licensee reviewer should get estimate of U & thorium in slag dump & tighter controls on airborne activity monitoring (blending & furnace areas) & develop requirement for bioassays. MCFADDEN,J. Region 1, Ofc of the Director. 85/04/05. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:196-52552:196.
- 9002060238 Discusses Allegation RI-85-A-0002 Involving concerns of unknown alleged re licensee activities that caused tree deaths & increase in cancer cases in local area.Concerns not substantiated during 850402 Insp.Unrelated violations noted. KINNEMAN,J.D. Region 1, Ofc of the Director. 86/01/02. SHROPSHIRE,A. Region 1, Ofc of the Director. 24pp. 52552:203-52552:228.
- 9002060242 Provides figures indicating location of water & soil samples taken at Shieldalloy Corp on 861204. WHITE,D. New Jersey, State of. 86/12/10. FRIEDMAN,L. Region 1, Ofc of the Director. 33pp. 52552:229-52552:260.
- 9002060247 Forwards proposed plan for radiological survey at Shieldalloy per 860916 request.Comments or concurrence requested. BERGER,J.D. Oak Ridge Associated Univs. 87/07/30. KINNEMAN,J. Region 1, Ofc of the Director. 8pp. 52552:261-52552:268.
- 9002060252 Provides Oak Ridge Associated Univs plan for surveying licensee facility in Newfield,NJ,per 870617 request,for review & comment.Requests to provide comments on subj plan as soon as possible. KINNEMAN,J.D. Region 1, Ofc of the Director. 87/08/07. WHITE,D. New Jersey, State of. 8pp. 52552:269-52552:276.
- 9002060255 Expresses desire to review work plan by Oak Ridge Associated Univs re radiological survey of licensee facility & to submit comments before start of field work. WHITE,D. New Jersey, State of. 87/06/17. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:277-52552:277.
- 9002060259 Expresses desire for systematic gamma survey of all licensee properties,documenting current radiological conditions of site both inside & outside controlled area.Provides comments on proposed survey plan by Oak Ridge Associated Univs. WHITE,D. New Jersey, State of. 87/09/02. KINNEMAN,J. Region 1, Ofc of the Director. 2pp. 52552:278-52552:280.
- 9002060273 Informs that licensee responses to 25% of NRC 870105 questions prepared but remaining questions require careful review of regulations.Requests extension of response submittal until 880405. MORGENTHAU,M. Shieldalloy Metallurgical Corp. 29088. 88/02/25. PENNINGTON,S. Office of Nuclear Material Safety & Safeguards,Director. 1p. 52552:293-52552:293.
- 9002060276 Forwards draft rept on radiological survey at licensee site in Newfield,NJ,Rept to be finalized based on comments from Region I & NMSS.Analyses for nonradiological metal contaminants in soil,sediment & water samples performed. BERGER,J.D. Oak Ridge Associated Univs. 88/05/31. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:294-52552:294.
- 9002060280 Ack receipt of 880809 ltr & radiological survey rept by Oak Ridge Associated Univs (ORAU).Rept data will be used as basis of cleanup program to be implemented at Newfield site. Details of cleanup procedures to be discussed w/ORAU. CAMPBELL,G.T. Shieldalloy Metallurgical Corp. 88/08/26. KINNEMAN,J.D. Region 1, Ofc of the Director. 1p. 52552:295-52552:295.
- 9002060284 Forwards "Radiological Survey of Shieldalloy Corp,Newfield, NJ" in response to 880908 ltr.Amend 6 & 7 to License SMB-743 & documents incorporated by ref in license also encl.Encl license remains in effect after expiration date. KINNEMAN,J.D. Region 1, Ofc of the Director. 88/10/13. ELWELL,W. Newfield, NJ. 2pp. 52552:296-52552:297.
- 9002060308 Requests for documents re Shieldalloy Corp,including existing NRC permit,new permit & data permit issued,envirom survey rept & application of licenses document,Incorporated by ref. ELWELL,W. Newfield, NJ. 88/09/08. KINNEMAN,J.D. Region 1, Ofc of the Director. 2pp. 52552:298-52552:299.
- 9002060313 Requests to meet L Friedman re NRC data on licensee as soon as possible. ELWELL,W. Newfield, NJ. 88/10/24. KINNEMAN,J. Region 1, Ofc of the Director. 1p. 52552:300-52552:300.
- 9002060320 Application for license,authorizing use of 17,637 lb pyrochlore containing 1.2-2.0% thorium & 0.03-0.07% U as oxides. MADSEN,S.W. Shieldalloy Metallurgical Corp. 7849. 63/11/25. 7pp. 52552:301-52552:307.
- 9002060330 Confirms 631129 telcon re licensee application for use of source matl,Form AEC-2,inadequately completed.Clariification of application provided. CLYMER,W.B. Shieldalloy Metallurgical Corp. 8022. 63/12/02. LAUTERBACH,K. Atomic Energy Commission (Pre 750101). 3pp. 52552:308-52552:310.
- 9002060334 Forwards License SMB-0743 re disposal of slag from smelting operations per 10CFR20.301. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 63/12/20. MADSEN,S.W. Shieldalloy Metallurgical Corp. 2pp. 52552:311-52552:312.
- 9002060349 Requests to extend license to include 100,000 lb columbium bearing pyrochlore ore,per understanding of discussion during 640812 telcon between WB Clymer & DA Nussbaumer that such license extension possible. MADSEN,S.W. Shieldalloy Metallurgical Corp. 4209. 64/08/12. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:313-52552:314.
- 9002060356 Requests addl info re 640812 application for amend to AEC License SMB-743.Lists info required. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 64/09/04. MADSEN,S.W. Shieldalloy Metallurgical Corp. 2pp. 52552:315-52552:316.
- 9002060365 Notifies that License SMB-743 expires on 641231 & advises that application for license renewal be filed 30 days before expiration date if licensee wishes to renew license. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 64/11/19. MADSEN,S.W. Shieldalloy Metallurgical Corp. 1p. 52552:317-52552:317.
- 9002060371 Ack receipt of notice of expiration of License SMB-743 & submits Form AEC-2,per request. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 5430. 64/11/24. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 1p. 52552:318-52552:318.

## 192 NONDOCKETED ITEMS

- 9002060376 Application for amend to License SMB-743,authorizing use of 17,637 lb pyrochlore concentrate containing 1.2-2.0% thorium & 0.03-0.07% U to produce ferro columbium & columbium nickel.  
SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 5430. 64/11/24. 7pp. 52552:319-52552:325.
- 9002060384 Requests addl info re 641124 application for renewal of License SMB-743.Lists info needed.Advises that no allowance shall be made for use of protective equipment in determining exposure of personnel to radioactivity in excess of limits.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 64/12/24. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 2pp. 52552:326-52552:327.
- 9002060397 Provides info re standardizing use of pyrochlore concentrates as used under License SMB-743,per 650903 request.Licensee program for future work also discussed.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/01/12. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 4pp. 52552:328-52552:331.
- 9002060402 Forwards AEC License SMB-743 as renewed.Advises that per 10CFR20.103(c)(1),allowance may not be made for use of protective equipment in determining exposure of individuals to airborne radioactivity w/o AEC approval.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 65/02/01. CLYMER,W.B. Shieldalloy Metallurgical Corp. 2pp. 52552:332-52552:333.
- 9002060404 Ack receipt of AEC 650201 ltr & requests for extension of License SMB-743.Requests that license be further revised to allow licensee to process unlimited quantities of Araxa pyrochlore concentrates & resulting slag per 650112 ltr.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 642. 65/02/15. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:334-52552:335.
- 9002060406 Forwards Ledoux rept re solubility of slags produced in aluminothermic smelting of Araxa pyrochlore concentrates & ltr from Ledoux & Co outlining procedures used in analyses.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 737. 65/02/25. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 3pp. 52552:336-52552:338.
- 9002060408 Requests to secure authorization to possess 15 tons baddeleyite & to smelt matl in test series w/simultaneous survey of airborne pollution.Results of analyses of baddeleyite provided.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 844. 65/03/04. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:339-52552:340.
- 9002060410 Forwards amend to AEC License SMB-743.Advises that application for authorization to dispose licensed matl by burial in manner different from 10CFR20.304 specs must be filed.Airborne survey program included in amend.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 65/04/05. CLYMER,W.B. Shieldalloy Metallurgical Corp. 1p. 52552:341-52552:341.
- 9002060412 Amend 2 to License SMB-743 for Shieldalloy Corp,authorizing use of unlimited quantities of Brazilian pyrochlore containing 0.07% U & 2.0% thorium & 15 tons of baddeleyite.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 65/04/05. 1p. 52552:342-52552:342.
- 9002060415 Ack receipt of 650405 ltr & amend to AEC License SMB-743. Based on situations discussed,requests further amend to license as indicated.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 1862. 65/05/25. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 2pp. 52552:343-52552:344.
- 9002060416 Requests authorization to visit Shieldalloy Corp to observe facilities & equipment to be used in proposed activities, to observe site for burial of byproduct slag & to discuss items &/or info needed to amend license.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 65/06/17. MCBRIDE,J.A. Atomic Energy Commission (Pre 750101). 1p. 52552:345-52552:345.
- 9002060418 Provides info,per telcon request re 650525 application for amend to License SMB-743.Auxiliary operations to be employed in preparing ore for aluminothermic or electric furnace smelting listed.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 2960. 65/08/30. HARMON,D. Atomic Energy Commission (Pre 750101). 3pp. 52552:346-52552:348.
- 9002060419 Forwards Vanadium Corp of America application for source matl license & supplemental info,authorizing pilot scale processing of tin slag containing thorium & requests to expedite review of application & granting of license.  
AUGUSTINE,R.J. Applied Health Physics, Inc. 65/09/10. NUSSBAUMER,D. Atomic Energy Commission (Pre 750101). 1p. 52552:349-52552:349.
- 9002060420 Application for license to use 200,000 lb tin slag containing 0.11% thorium oxide.  
MCLEER,T.J. Vanadium Corporation of America. 65/09/10. 15pp. 52552:350-52553:004.
- 9002060421 Forwards AEC License STB-850.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 65/09/15. MCLEER,T.J. Vanadium Corporation of America. 1p. 52553:005-52553:005.
- 9002060422 License STB-850 for Vanadium Corp of America,authorizing use of 220 lb thorium.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 65/09/15. 1p. 52553:006-52553:006.
- 9002070041 Amend 3 to License SMB-743 for Shieldalloy Corp,authorizing use of unlimited quantities of metalliferous ore containing 2% U & 4% thorium.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 65/09/21. 1p. 52553:007-52553:007.
- 9002070047 Requests permission to post at plant gates signs reading "Any containers within plant may contain radioactive matl" & bearing radiation symbol,per 10CFR20.203a.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 4037. 65/12/13. HARMON,D. Atomic Energy Commission (Pre 750101). 1p. 52553:008-52553:008.
- 9002070053 Forwards application for amend to License STB-850 for Vanadium Corp of America,extending license to 661231 & authorizing increased possession of source matl for use in pilot-scale processing & refinement of techniques.W/o encl.  
AUGUSTINE,R.J. Applied Health Physics, Inc. 4044. 65/12/15. HARMON,D.F. Atomic Energy Commission (Pre 750101). 2pp. 52553:009-52553:010.
- 9002070065 Informs that licensee will be able to comply w/AEC recommendation.After 661104,licensee will be governed by 10CFR20.203(f)(3)(iv) & (vi).  
BERRY,B. Shieldalloy Metallurgical Corp. 3061. 66/10/24. NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 1p. 52553:011-52553:011.
- 9002070082 Notices of expiration of License STB-850 on 661231.Advises that application for renewal be submitted using Form AEC-2 at least 30 days before expiration date.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 66/10/25. PRIMOSIC,A.J. Vanadium Corporation of America. 1p. 52553:012-52553:012.
- 9002070088 Amend 1 to License STB-850 for Vanadium Corp of America, amending items 4,6,7 & 8 of license to read as stated.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/01/04. 1p. 52553:013-52553:013.
- 9002070104 Amend to License SMB-743 for Shieldalloy Corp,exempting licensee from requirements of 10CFR20.203(e)(2) for areas within plant provided all entrances to plant conspicuously posted per sub regulation.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/11/02. 1p. 52553:014-52553:014.
- 9002070110 Forwards Form AEC-2 for renewal of amended License STB-850 & informs that Applied Health Physics,Inc will conduct radiological surveys to evaluate dust control measures & radiological hazards during pilot studies.  
PRIMOSIC,A.J. Vanadium Corporation of America. 66/11/02. HARMON,D.F. Atomic Energy Commission (Pre 750101). 1p. 52553:015-52553:015.
- 9002070113 Application for renewal of License STB-850,authorizing use of 150 lb natural U & 6,720 lb natural thorium.  
PRIMOSIC,A.J. Vanadium Corporation of America. 66/11/02. 3pp. 52553:016-52553:018.
- 9002070117 Forwards License SMB-850 as renewed.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/11/14. PRIMOSIC,A.J. Vanadium Corporation of America. 1p. 52553:019-52553:019.
- 9002070119 License SMB-850 for Vanadium Corp of America,authorizing use of 6,870 lb thorium-U for use per procedures described in 661102 application.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/11/14. 1p. 52553:020-52553:020.
- 9002070132 Ack receipt of License SMB-850 as renewed.Informs that 661102 application for renewal covered License STB-850 & requests to be advised if license actually changed to SMB-850.  
PRIMOSIC,A.J. Vanadium Corporation of America. 66/11/17. HARMON,D.F. Atomic Energy Commission (Pre 750101). 2pp. 52553:021-52553:022.
- 9002070145 Notice of expiration of License SMB-743 on 680131.Advises that application should be submitted using Form AEC-2 at least 30 days prior to expiration date.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 67/11/28. BERRY,B. Vanadium Corporation of America. 1p. 52553:023-52553:023.
- 9002070150 Application for renewal to License SMB-743,authorizing use of 15 tons baddeleyite containing 0.35% U & unlimited quantities of pyrochlore concentrate containing 0.03-0.07% U & 1.2-2.0% thorium as oxides.  
SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 4178. 67/12/22. 5pp. 52553:024-52553:028.
- 9002070158 Forwards License SMB-743,as renewed.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 68/01/10. SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 1p. 52553:029-52553:029.
- 9002070160 Safety insp on 680221 of License SMB-743.Insp findings:no noncompliances noted.  
STEARNS,C.F. Atomic Energy Commission (Pre 750101). \* Shieldalloy Metallurgical Corp. 68/06/21. 1p. 52553:030-52553:030.
- 9002070167 Informs that License SMB-850 expired on 691130 & that no renewal application filed per 10CFR40.43.Advises to complete & return within 15 days encl form,if licensee no longer wish to be licensed & possesses no source matl.  
BUCHANAN,C.R. Region 1, Ofc of the Director. 70/07/07. PRIMOSIC,A.J. Vanadium Corporation of America. 1p. 52553:031-52553:031.
- 9002070171 Notice of expiration of License SMB-850 on 691130.Advises to submit application for renewal,using Form AEC-2,at least 30 before expiration date of license.  
NUSSBAUMER,D.A. Atomic Energy Commission (Pre 750101). 69/09/29. PRIMOSIC,A.J. Vanadium Corporation of America. 1p. 52553:032-52553:033.
- 9002070181 Ack receipt of 661117 ltr re change in prefix of source matl license as renewed.Change made for administrative purposes to reflect current matl status under license.  
HARMON,D.F. Atomic Energy Commission (Pre 750101). 66/11/28. PRIMOSIC,A.J. Vanadium Corporation of America. 2pp. 52553:034-52553:035.
- 9002070186 Application for renewal to License SMB-850,authorizing use of 150 lb natural U containing 0.04% U & 6,500 lb natural thorium containing 2% thorium.  
PRIMOSIC,A.J. Atomic Energy Commission (Pre 750101). 2553. 70/08/12. 2pp. 52553:036-52553:037.
- 9002070188 Forwards application for renewal of License SMB-850. Application made in name of Foote Mineral Co due to merger. Application not encl.  
PRIMOSIC,A.J. Foote Mineral Co. 2553. 70/08/12. BUCHANAN,C.R. Atomic Energy Commission (Pre 750101). 3pp. 52553:038-52553:040.
- 9002070194 Notice of expiration of License SMB-743 on 730131.Advises to submit renewal application,using Form AEC-2,30 days before expiration date of license.  
MALARO,J.C. Atomic Energy Commission (Pre 750101). 72/12/20. Shieldalloy Metallurgical Corp. 1p. 52553:041-52553:041.
- 9002070196 Forwards application for renewal of License SMB-743.  
SEYBOLD,C.F. Shieldalloy Metallurgical Corp. 380. 73/01/12. Atomic Energy Commission (Pre 750101). 1p. 52553:042-52553:046.



- 9002070205 Advises that activity authorized by License SMB-850 now subj to fee Category 2B of Section 170.31.  
MILLER,W.O. Atomic Energy Commission (Pre 750101). 74/02/22. COGHLAN,J. Foote Mineral Co. 1p. 52553:047-52553:047.
- 9002070213 Certificate of disposition of mats:no mats procured by licensee under License SMB-850.  
PRIMOSIC,A.J. Foote Mineral Co. 1988. 75/09/15. 2pp. 52553:048-52553:049.
- 9002070224 Ack receipt of application for renewal of License SMB-0743. Application deemed timely filed & accordingly,license will not expire until final action taken by ofc.  
WRIGHT,E.G. Radioisotopes Licensing Branch (Pre 790501). 08352. 78/01/20. LONGAKER,J.B. Shieldalloy Metallurgical Corp. 2pp. 52553:050-52553:051.
- 9002070232 Advises that fee required for 801030 application for amend to License SMB-0743,per 10CFR170.  
JACKSON,G. License Fee Management Branch (Pre 861123). 17780. 80/11/12. LONGAKER,J.B. Shieldalloy Metallurgical Corp. 1p. 52553:055-52553:055.
- 9002070236 Forwards check to cover fee for 801030 amend request for License SMB-743.  
LONGAKER,J.B. Metallurg. Inc. 80/11/24. JACKSON,G. License Fee Management Branch (Pre 861123). 2pp. 52553:056-52553:057.
- 9002070245 Forwards ltr to Shieldalloy Corp,terminating svcs as consultant on License SMB-743.  
SILVERNAIL,W.L. Silvernail, W.L. 21375. 82/10/15. Materials Licensing Branch. 1p. 52553:058-52553:058.
- 9002070251 Application for amend to License SMB-743,authorizing change in License Condition 12 as stated.Fee paid.  
LONGAKER,J.B. Metallurg. Inc. 08352. 80/10/30. GUINN,P.R. Materials Licensing Branch. 1p. 52553:059-52553:059.
- 9002070256 Advises of adjustments in application fee for renewal of License SMB-743.  
LOWHAY,C.J. License Fee Management Branch (Pre 861123). 86/04/18. SIMKINS,O.A. Shieldalloy Metallurgical Corp. 9pp. 52553:060-52553:068.
- 9002070268 Corrected License SMB-1507 for Shieldalloy Corp,authorizing possession of U & thorium as contaminant in slag from previous alloy furnace operations.  
MCCANN,G.M. Region 3, Ofc of the Director. 87/05/27. 3pp. 52553:069-52553:071.
- 9002070274 Forwards original License STB-850,660104 & 1114 license amends & 661128 AEC ltr explaining change in license number to SMB-850,in response to 661109 telephone inquiry.  
MORIARTY,M. Operations Branch. 87/11/10. DOERR,W.W. ENSR Consulting & Engineering (formerly ERT). 7pp. 52553:072-52553:078.
- 9002070278 Undated memo informing that licensee submitted application for amend to license to correct items of noncompliance noted during insp on 650526,Forwards Insp rept for info & requests to be informed if application denied.  
HANDLER,R. NRC - No Detailed Affiliation Given. 90/02/07. HARMON,D. NRC - No Detailed Affiliation Given. 1p. 52553:079-52553:079.
- 9002070283 Ack receipt of AEC 650630 ltr & AEC-592.Informs that licensee applied for amend to License SMB-743,authorizing possession of Nigerian & Norwegian ores & surplus quantity baddeleyite.Slag storage drums labeled as required.  
CLYMER,W.B. Shieldalloy Metallurgical Corp. 65/07/06. KIRKMAN,R.W. Region 1, Ofc of the Director. 1p. 52553:080-52553:082.
- 9002070290 Safety Insp on 650630 of License SMB-743.Insp findings: source matl possessed & used in form of Norwegian & Nigerian ore & 38,000 lb Baddeleyite ore w/o authorization & slag storage drums not labeled.W/5 oversize drawings.  
VINCIQUERRA,E. Atomic Energy Commission (Pre 750101). \* Shieldalloy Metallurgical Corp. 65/06/30. 208pp. 52553:083-52553:290.
- 9002070304 Partially deleted Insp Rept 40-7102/85-01 on 850402. Noncompliance noted.Major areas inspected:mgt meeting, program requirements,followup on noncompliance & deviations, independent insp effort,transportation & mgt organization.  
MCFADDEN,J. Region 1, Ofc of the Director. 85/05/08. 20pp. 52553:292-52553:311.
- 9002070317 Forwards partially deleted licensee decontamination & decommissioning plan for Cambridge facility in compliance w/ Condition 14 of License SMB-1507.Subj plan provides for solution to situation that existed at plant in June 1987.  
CAMPBELL,G.T. Metallurg. Inc. 87/11/27. SWIFT,J.J. Fuel Cycle Safety Branch. 1p. 52553:312-52553:312.
- 9002070323 Partially withheld "Decontamination & Decommissioning Plan for Shieldalloy Cambridge,OH Plant."  
\* ENSR Consulting & Engineering (formerly ERT). 87/11/30. 222pp. 52553:313-52554:174.
- 9002070395 Application for amend to License STB-850,authorizing use of 6720 lb natural thorium containing 2% thorium & 150 lb natural U containing 0.04% U for pilot scale operations.  
PRIMOSIC,A.J. Vanadium Corporation of America. 65/12/15. 5pp. 52554:175-52554:180.
- 9002070443 Forwards partially deleted recorded annual whole body exposure rept for CY87 in compliance w/License SMB-743.  
MORGENSTERN,M. Shieldalloy Metallurgical Corp. 88/05/12. NRC - No Detailed Affiliation Given. 1p. 52554:181-52554:181.
- 9002070448 Partially deleted "Annual Whole Body Exposure Rept for CY87."  
\* Shieldalloy Metallurgical Corp. 87/12/31. 25pp. 52554:182-52555:090.
- 9002080023 FOIA request for records made available at EPA/NRC interface Council 891108 meeting,memos re results of meeting,agenda & list of attendees.  
FELTON,J.M. Nuclear Licensing Reports. 89/12/12. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 1p. 52520:222-52520:222.
- 9002080024 Final response to FOIA request for records.App A records encl & available in PDR.  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/01/31. FELTON,J.M. Nuclear Licensing Reports. 4pp. 52520:223-52520:235.
- 9002080037 Agenda for 891108 EPA/NRC Interface Council meeting in Washington,DC to discuss training for RCRA insps,status of Clean Air Act & EPA regulations,followup on Synar hearings on decommissioning sites & status of West Chicago site.  
\* NRC - No Detailed Affiliation Given. \* Environmental Protection Agency. 89/11/08. NRC - No Detailed Affiliation Given. 4pp. 52520:227-52520:235.
- 9002080048 Appeals denial of FOIA request for App B records.  
BAUMAN,L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. BAUMAN,L.L. Citizens Association for Sound Energy. 89/12/05. Ofc of the Executive Director for Operations. 1p. 52520:236-52520:236.
- 9002080052 Responds to 891205 appeal of denial of FOIA request for portions of six records on chronology of events prepared by onsite Ofc of Special Projects staff beginning 1985.Appeal partially denied (ref FOIA Exemption 6).  
THOMPSON,H.L. Dep Exec Dir for Nuc Mats Safety,Safeguards & Operations Support (Post 890205). 90/01/30. BAUMAN,L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 3pp. 52520:237-52520:350.
- 9002080060 Forwards complete updated chronology of activities for Apr, May & June 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 88/07/07. GRIMES,C.I. Comanche Peak Project Division. 16pp. 52520:240-52520:255.
- 9002080062 Forwards complete updated chronology of activities for Jul, Aug & Sept 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 88/10/25. GRIMES,C.I. Comanche Peak Project Division. 22pp. 52520:256-52520:277.
- 9002080066 Forwards complete updated chronology of activities for Oct,Nov & Dec 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 89/01/06. GRIMES,C.I. Comanche Peak Project Division. 28pp. 52520:278-52520:305.
- 9002080090 Partially released memo forwarding chronology of activities for Apr,May & June 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 89/07/05. GRIMES,C.I. Comanche Peak Project Division. 11pp. 52520:306-52520:350.
- 9002080060 Forwards complete updated chronology of activities for Apr, May & June 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 88/07/07. GRIMES,C.I. Comanche Peak Project Division. 16pp. 52520:240-52520:255.
- 9002080062 Forwards complete updated chronology of activities for Jul, Aug & Sept 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 88/10/25. GRIMES,C.I. Comanche Peak Project Division. 22pp. 52520:256-52520:277.
- 9002080066 Forwards complete updated chronology of activities for Oct,Nov & Dec 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 89/01/06. GRIMES,C.I. Comanche Peak Project Division. 28pp. 52520:278-52520:305.
- 9002080090 Partially released memo forwarding chronology of activities for Apr,May & June 1988.  
WARNICK,R.F. Assistant Director for Inspection Programs. 89/07/05. GRIMES,C.I. Comanche Peak Project Division. 11pp. 52520:306-52520:350.
- 9002070027 FOIA request for records re J Kelly arbitration hearing conducted during wk of 891211-15 in Region V headquarters.  
GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 89/12/15. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52545:356-52545:357.
- 9002070029 First partial response to FOIA request for records.App A records encl & available in PDR.W/o encl.  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/01. GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 2pp. 52545:358-52545:359.
- 9002070034 FOIA request for most recent semiannual rept by Ofc of Inspector General.  
KING,J.C. Associated Press. 90/01/15. MALSCH,M.G. Office of Inspector General (Post 890417). 1p. 52562:093-52562:093.
- 9002070036 Final response to FOIA request for records.App A records encl & available in PDR.  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/01. KING,J.C. Associated Press. 2pp. 52562:094-52562:110.
- 9002080070 FOIA request for correspondence originating from Ofc of Governor of State of NH to NRC between 830101-890101.  
READ,R. Employee's Legal Project. 89/11/15. NRC - No Detailed Affiliation Given. 1p. 52567:183-52567:183.
- 9002080073 Final response to FOIA request for records.App A & B records encl & available in PDR.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/06. READ,R. Employee's Legal Project. 3pp. 52567:184-52567:187.
- 9002080078 Advises that R Strome designated State of NH Liaison Officer per 830228 ltr.  
SUNUNU,J.H. New Hampshire, State of. 83/03/28. PALLADINO,N.J. Commissioners. 1p. 52567:187-52567:187.
- 9002080089 FOIA request for all documents on Brazil-West Germany nuclear agreement signed on 750627.  
HERPEL,A. National Security Archive. 89/12/19. ROBINSON,L.L. Division of Freedom of Information & Publications Services (Post 890205). 3pp. 52567:179-52567:181.
- 9002080094 Final response to FOIA request.No agency records subj to request located.Suggests contacting Dept of State.  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/05. HERPEL,A. National Security Archive. 1p. 52567:182-52567:182.

## 194 NONDOCKETED ITEMS

- 9002120030** Partial response to FOIA request for records.App D records withheld in entirety (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 9C/02/08. FELTON,J.M. Nuclear Licensing Reports. 3pp. 52611:079-52611:082.
- 9002130101** Partial response to FOIA request for records.Document E/1 & releasable portions of Document F/1 encl & available in PDR. Document F/1 partially & App G documents completely withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. FELTON,J.M. Nuclear Licensing Reports. 6pp. 52594:307-52594:348.
- 9002130110** Suggests meeting to discuss current issues re public health svc (PHS).PHS wishes to establish direct liaison w/NRC on operation of natl data bank for adverse info on certain health practitioners.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). 88/04/05. CUNNINGHAM,R. Division of Fuel Cycle, Medical, Academic & Commercial Use Safety 870413-870728. 34pp. 52594:314-52594:347.
- 9002130116** Forwards draft proposed rulemaking on holding unlicensed persons accountable for willful misconduct.W/o encl.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). 89/11/16. CHANDLER,L.J. Assistant General Counsel for Hearings & Enforcement. 1p. 52594:348-52594:348.
- 9002130194** Partial response to FOIA request.App N & O documents available in PDR.App O documents encl.App P documents withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52596:209.
- 8807270182** Requests that appropriate project manager contact identified util & provide info re purchase of circuit breakers from suspect companies.  
MATTHEWS,D.B. Project Directorate I-3. IEIN-88-046. 88/07/18. BUTLER,W.R. Project Directorate I-2. 55pp. 52595:316-52595:344.
- 8807270224** Discusses NRR activities re refurbished electrical equipment & equipment supplied by Planned Maint Sys w/o adequate technical justification.  
VARGA,S.A. Division of Reactor Projects - I/II (Post 870411). 88/07/18. GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 3pp. 52595:314-52595:315.
- 8812290023** Requests that licensee be informed of need to retain all breakers identified as unacceptable for use during testing & review required by bulletin actions for at least six months after identification as unacceptable for use.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEI-88-010. 88/12/12. KANE,W.F. Region 1, Ofc of the Director. REYES,L.A. Region 2, Ofc of the Director. GREENMAN,E.G. Region 3, Ofc of the Director. 1p. 52596:034-52596:034.
- 8901060030** Summary of 881221 meeting w/NUMARC to exchange info re substandard electrical equipment issues.Topics discussed included,Industry initiative,NRC Bulletin 88-010 & insp of warehouse stock.List of attendees encl.  
STONE,J.C. Project Directorate I-2. IEI-88-010. 88/12/27. BOGER,B.A. Assistant Director for Region I Reactors. 25pp. 52596:043-52596:069.
- 8901110379** Discusses reporting of test results of licensee response to NRC Bulletin 88-010, "Nonconforming Molded-Case Circuit Breakers." Add guidance being developed to deal w/how NRR processes licensee response to bulletin.  
VARGA,S.A. Division of Reactor Projects - I/II (Post 870411). HOLAHAN,G. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411). IEI-88-010. 88/12/20. Ofc of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52596:035-52596:037.
- 8901240163** Denies 881220 request for recent NRC investigation/insp repts of various Westinghouse facilities.Repts not presently publicly available.Inclusion of stated technical concerns in presentation at 890112 meeting suggested.  
MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 89/01/09. JOHNSON,W.J. Westinghouse Electric Corp. 1p. 52595:240-52595:240.
- 8901240360** Forwards comments on industry initiative to address concerns re substandard nonsafety-related circuit breakers.Industry initiative embodies good basic approach,but should be augmented.  
ROSA,F. Electrical Systems Branch (870411-890826). 89/01/09. BRACH,B. Vendor Inspection Branch. 42pp. 52596:070-52596:111.
- 8902020007** Forwards comments on NUMARC proposed initiative re substandard nonsafety-related circuit breakers at plants. Initiative generally responsive to concerns raised in NRC Bulletin 88-010.  
MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). IEI-88-010. 89/01/26. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 5pp. 52595:241-52595:245.
- 8903020228** Forwards NRC comments on NUMARC draft clarification of NRC Bulletin 88-10,per NRC/NUMARC 881221 meeting.  
MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). IEI-88-010. 89/02/17. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 2pp. 52595:246-52595:249.
- 8905200278** Clarifies NRC position re EPRI NP-5652, "Guideline for Utilization of Commercial-Grade Items in Nuclear Safety-Related Applications." App B applies to procurement process affecting components in nuclear power plants.  
TAYLOR,J.M. Office of Nuclear Reactor Regulation, Director (Post 870411). 89/05/16. COLVIN,J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 63pp. 52596:112-52596:209.
- 8906020259** Forwards summary of 890511 meeting w/NUMARC re licensee response to NRC Bulletin 88-010.Attendance list & handouts also encl.  
STONE,J.C. Project Directorate I-2. IEI-88-010. 89/05/17. BOGER,B.A. Assistant Director for Region I Reactors. 7pp. 52595:254-52595:276.
- 9002130213** Provides summary of response to survey on fraudulent resale of rebuilt molded case circuit breakers as new.  
BAIRD,R.W. National Electrical Manufacturers Association. 88/09/28. BRACH,W. Vendor Inspection Branch. HULMAN,J. Energy. Dept. of 6pp. 52595:175-52595:236.
- 9002130220** Submits comments on NRC Bulletin 88-010 re nonconforming molded case circuit breakers.Suggested test program will not assure adequate performance in critical areas addressed by UL 489 & mfg test procedures.  
BAIRD,R.W. National Electrical Manufacturers Association. IEI-88-010. 88/12/22. BRACH,W. Vendor Inspection Branch. 3pp. 52595:237-52595:239.
- 9002130229** Summary of 890405 meeting w/NUMARC & listed utils to discuss vendor product quality issues.List of attendees encl.  
BRACH,E.W. Vendor Inspection Branch. 89/04/11. GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 3pp. 52595:250-52595:253.
- 9002130235** Advises that NRC will finalize Bulletin 88-010 suppl & forward document to CRGR for review.  
MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). IEI-88-010. 89/06/29. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 1p. 52595:277-52595:306.
- 9002130238** Forwards 890225 ltr from GE recommending mod of certain circuit breaker test requirements in NRC Bulletin 88-010 for review & comment.  
BRACH,E.W. Vendor Inspection Branch. IEI-88-010. 88/03/16. ROSA,F. Electrical Systems Branch (870411-890826). 1p. 52595:307-52595:309.
- 9002130242** Advises that listed info supplied to D Alf of Naval Reactors on 880714. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). IEIN-88-019. 88/07/14. MARTIN,T.T. Associate Director for Inspection & Technical Assessment (Post 870411). 1p. 52595:310-52595:310.
- 9002130245** Forwards outline of NRC plan for dealing w/substandard matls & equipment supplied to plants.Plan expected to be filled out & updated regularly as issue evolves.  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 88/07/15. STELLO,V. Ofc of the Executive Director for Operations. 3pp. 52595:311-52595:313.
- 9002130252** Forwards updated matl on various falsification issues,based on discussion.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 88/09/20. RICHARDSON,J. Assistant Director for Engineering (870411-890826). HOLAHAN,G. Assistant Director for Region III & Region V Reactors (870411-890930). LAINAS,G. Assistant Director for Region II Reactors. 49pp. 52595:345-52596:033.
- 9002130274** Forwards preliminary results of assessment of safety significance of improperly refurbished molded case circuit breakers.Meeting to develop changes in plans to be arranged when final results become available.  
THADANI,A. NRC - No Detailed Affiliation Given. 88/12/29. ROSA,F. NRC - No Detailed Affiliation Given. 5pp. 52596:038-52596:042.
- 9002130203** Partial response to FOIA request for records.App D & E records available in PDR.App E records encl.App F records withheld in entirety (ref FOIA Exemptions 5 & 7).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. ROLFE,R.M. Hunton & Williams. 5pp. 52595:084-52595:134.
- 9002130209** Discusses interview of confidential source in Feb 1983 re TDI,alleging alterations of heat numbers on steel used for mfg of diesel engine auxiliary skids & use of non-nuclear grade of fasteners for attaching components to skid.  
COLLINS,J.T. Region 4, Ofc of the Director. 83/10/07. HERR,R.K. Office of Investigations (Pre 880201). 43pp. 52595:092-52595:134.
- 9002130214** Trip rept of 850603-07 visit to TDI re status of previous insp items,Part 21 review,procedural coverage & plant tour.  
BURNS,T.F. Brookhaven National Laboratory. 85/06/14. BAKER,E. Vendor Program Br,Div of QA,Safeguards & Insp Programs,IE (830103-850212). 10pp. 52595:143-52595:152.
- 9002130219** Summarizes & concludes NRC search for documents requested in 861031 subpoena duces tecum.  
JENSEN,E.N. Office of the General Counsel (Post 860701). 87/03/30. ROSS,T.E. Downey, Brand, Seymour & Rohwer. 3pp. 52595:153-52595:155.
- 9002130263** FOIA request for copy of successful offeror bid/proposal, contract or purchase order resulting from request for Quotation RFO-90-007 dtd 891115.  
SMALL,P. FOI Services. 83695. 90/01/04. FELTON,J.M. Office of Administration (Post 890205). 1p. 52595:019-52595:019.
- 9002130265** Final response to FOIA request for records.No agency records subj to request located.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. SMALL,P. FOI Services. 1p. 52595:020-52595:020.
- 9002130268** Partial response to FOIA request for records.App T & U records available in PDR.App U records encl.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/12. PEPPERMAN,D. Blecher & Collins. 3pp. 52611:293-52611:323.
- 9002130270** Forwards NRC Bulletin 88-010 & IE Info Notice 88-046,Suppl 2,per NRC commitment to inform other Federal agencies of activities re mfg & distribution of substandard,counterfeit or fraudulently marketed vendor products.  
STELLO,V. Ofc of the Executive Director for Operations. IEI-88-010. 89/02/07. DAWSON,R.K. Office of Management & Budget. 2pp. 52611:307-52611:308.
- 9002130273** Summary of 880829 meeting w/NUMARC to discuss recent activities undertaken by NUMARC re use of counterfeit matl by commercial nuclear power industry.  
STELLO,V. Ofc of the Executive Director for Operations. IEI-88-005. 88/09/13. Ofc of the Executive Director for Operations. 12pp. 52611:309-52611:320.
- 9002130276** "NRC Technical Review & Actions re Possible Use of Counterfeit & Substandard Matls in Nuclear Power Plants."  
STELLO,V. Ofc of the Executive Director for Operations. 88/08/03. 3pp. 52611:321-52611:323.
- 9002130293** FOIA request for AEC-R2-76 & AEC-R2-85.  
GUILD,C.C. Bishop, Cook, Purcell & Reynolds. 89/12/22. ROBINSON,L. Office of Administration (Post 890205). 1p. 52595:021-52595:021.

- 9002130296** Final response to FOIA request for records.App A records available in PDR & encl.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/12. GUILD,C.C. Bishop, Cook, Purcell & Reynolds. 2pp. 52595:022-52595:083.
- 9002130302** Proposed rule 10CFR50, "QA Criteria for Nuclear Power Plants." Rule would establish QA requirements for design, const & operation of structures,sys & components of nuclear power plants that prevent or mitigate accident consequences. MCCOOL,W.B. Atomic Energy Commission (Pre 750101). AEC-R 2/76. 89/03/24. 25pp. 52595:024-52595:048.
- 9002130305** Proposed rule 10CFR50, "QA Criteria for Nuclear Power Plants." Rule would establish QA requirements for design, const & operation of nuclear power plant structures,sys & components required to prevent consequences of accidents. MCCOOL,W.B. Atomic Energy Commission (Pre 750101). AEC-R 2/85. 70/04/28. 35pp. 52595:049-52595:083.
- 9002140221** Partial response to FOIA request for documents.App Q documents encl.App Q & S documents available in PDR.App R documents totally withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/09. PEPPERMAN,D. Blecher & Collins. 15pp. 52631:235-52633:165.
- 9002140270** Forwards Insp Rept 99901054 for ASCO Electric Products,Inc re failures of molded case circuit breakers for design, const & operation of nuclear power plants. ZECH,G.G. Vendor Program Br.Div of QA, Vendor & Technical Training Center Programs,IE. 86/05/13. STAROSTECKI,R. Region 1, Ofc of the Director. 1p. 52632:150-52632:161.
- 90021403052** Forwards Info Notice 88-046 re supply of defective refurbished electrical equipment to power plants for info & informs of ongoing investigation re matter.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/03. Congress (Joint & Rotating Committees, etc.). 2pp. 52632:014-52632:036.
- 9002140436** Forwards addl invoices identifying agency as customer of potentially defective refurbished electrical equipment.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 89/04/12. FOURNIER,F. National Aeronautics & Space Admin. 1p. 52632:044-52632:149.
- 9002140441** Forwards addl invoices identifying agency as customer of potentially defective refurbished electrical equipment.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 89/04/12. BARBER,R. Energy, Dept. of. 1p. 52632:042-52632:042.
- 9002140443** Forwards invoice & order identifying agency as customer of potentially defective refurbished electrical equipment.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 89/04/12. GILMORE,F. Federal Aviation Administration. 1p. 52632:043-52632:043.
- 9002140446** Forwards invoices & orders identifying agency as customer of potentially defective refurbished electrical equipment.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 89/04/12. RIDGWAY,T. Defense, Dept. of. 1p. 52632:038-52632:038.
- 90021407075** Forwards invoice indicating agency as customer of potentially defective refurbished electrical equipment.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 89/04/12. Hawaii, State of. 1p. 52632:040-52632:040.
- 9002140232** Informs of need to retain all breakers identified as unacceptable for use during testing & review required by NRC Bulletin 88-010 in order to support NRC review of issue.  
KANE,W.F. Region 1, Ofc of the Director. IEB-88-010. 89/01/10. MROCKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA,E.J. Connecticut Yankee Atomic Power Co. 1p. 52631:261-52631:273.
- 9002140237** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoices & orders identifying military facilities as customers encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. Defense, Dept. of, Defense Logistics Agency. 2pp. 52631:274-52631:285.
- 9002140243** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying Bureau of Engraving & Printing as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. Treasury, Dept. of, U.S. Customs Service. 2pp. 52631:286-52631:359.
- 9002140246** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying FAA as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. GILMORE,F. Federal Aviation Administration. 2pp. 52631:360-52632:001.
- 9002140251** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying DOJ loading dock as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. Justice, Dept. of. 2pp. 52632:002-52632:003.
- 9002140271** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying Washington Metro Area Transit Authority as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. Washington Metro Area Transit Authority. 2pp. 52632:004-52632:005.
- 9002140283** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying D.C. Public Work Place as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. HART District of Columbia. 2pp. 52632:006-52632:007.
- 9002140297** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying IRS as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. Internal Revenue Service. 2pp. 52632:008-52632:009.
- 9002140301** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying Health & Human Svcs of State of NH as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. New Hampshire, State of. 2pp. 52632:010-52632:011.
- 9002140303** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoices & orders identifying US Army as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/01. Army, Dept. of. 2pp. 52632:012-52632:013.
- 9002140305** Forwards Info Notice 88-046 re defective refurbished electrical equipment supplied to plants.Invoice identifying Architect of Capitol as customer encl.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/08/18. Congress (Joint & Rotating Committees, etc.). 1p. 52632:037-52632:037.
- 9002140306** Forwards addl invoice & order specifying US Dept of Agriculture as customer re defective refurbished electrical equipment supplied to plants.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 88/04/12. GEARDE,F. Agriculture, Dept. of. 1p. 52632:039-52632:039.
- 9002150030** Forwards addl invoices & orders specifying agency as customer re defective refurbished electrical equipment supplied to plants.W/o encl.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). IEIN-88-046. 89/04/05. USTAD,I.M. General Services Administration. 1p. 52632:041-52632:041.
- 9002150047** Submits man-hours spent by listed Staff on generic communication re nonconforming, fraudulent, refurbished components.  
GUILLEN,J. NRC - No Detailed Affiliation Given. 88/07/20. BERLINGER,C.H. NRC - No Detailed Affiliation Given. 364pp. 52632:162-52633:165.
- 9002150276** Final response to FOIA request for records.App C records encl & available in PDR.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/07. BICKMAN,J. Stocker & Yale, Inc. 2pp. 52624:292-52625:086.
- 9002150284** MIL-W-46374E Military Spec MIL-W-46374E, "Watch,Wrist:General Purpose."  
Army, Dept. of. 89/05/31. 36pp. 52624:298-52625:086.
- 9002150315** FOIA request for addl documents after 1970 not in PDR re Kerr-McGee Corp,Kerr-McGee Chemical Corp,American Potash & Chemical Corp &/or Lindsay Light Co & their connection w/ thorium milling facility in West Chicago,IL.  
DEGRAZIA,B.C. Burditt, Bowles & Radzius, Chartered (formerly Burditt, Bowles, Radzius & Rudbur. 89/08/25. LAVINS,D. NRC - No Detailed Affiliation Given. 2pp. 52633:166-52633:167.
- 9002150328** Partial response to FOIA request for documents.App E records encl & available in PDR.App E records partially withheld (ref FOIA Exemption 6).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. DEGRAZIA,B.C. Burditt, Bowles & Radzius, Chartered (formerly Burditt, Bowles, Radzius & Rudbur. 4pp. 52633:168-52633:323.
- 9002150387** Forwards 800319 rept of G Voelz radioactivity measurements performed on individual.  
KEPPLER,J.G. Ofc of inspection & Enforcement, Ofc of the Director. 80/04/04. SINKE,G.J. Kerr-McGee Nuclear Corp. 53pp. 52633:172-52633:240.
- 9002150388** Forwards memo to records room re results of measurements of radioactivity in individual who worked in contaminated rooms at plant in West Chicago.  
RUNDO,J. Argonne National Laboratory. 80/11/05. PAPERIELLO,C. Region 3, Ofc of the Director. 26pp. 52633:241-52633:266.
- 9002150389** Discusses results of bioassay measurements made by ANL of internal burden of radioactive matl.  
PAPERIELLO,C.J. Region 3, Ofc of the Director. 81/04/20. Region 3, Ofc of the Director. 1p. 52633:267-52633:267.
- 9002160026** Forwards results of 810528 measurements made at ANL.Results negative.  
HIND,J.A. Region 3, Ofc of the Director. 81/06/09. Affiliation Not Assigned. 2pp. 52633:268-52633:269.
- 9002160031** Forwards memo to records room showing results of measurement of radioactivity in individual who worked in contaminated rooms at plant.Results negative.  
TOOHEY,R.E. Argonne National Laboratory. 81/06/04. SHUMAKER,M. Region 3, Ofc of the Director. 54pp. 52633:270-52633:323.
- 9002160034** Forwards director approval to perform radiological survey & expresses interest in NRC monitoring procedures.  
UTT,R.L. DuPage County, IL. 82/11/17. KEPPLER,J.G. Region 3, Ofc of the Director. 2pp. 52633:324-52634:094.
- 9002160138** Partial response to FOIA request for records.App V records encl & available in PDR.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/14. PEPPERMAN,D. Blecher & Collins. 2pp. 52636:050-52636:069.
- 9002160140** Requests investigation re inadequate tests performed on Telemecanique,formerly known as Gould,Inc safety-related motor control ctrs.  
STELLO,V. Ofc of the Executive Director for Operations. 86/02/05. HAYES,B.B. Office of Investigations (Pre 880201). 4pp. 52636:063-52636:066.
- 9002160142** Forwards info notice discussed in 880713 telcon.W/o encl.  
ZECH,L.W. Commissioners. 88/07/13. FLETCHER,J.C. National Aeronautics & Space Admin. 1p. 52636:067-52636:067.
- 9002160143** Forwards info notice per 880713 telcon w/C Schmitt.W/o encl.  
ZECH,L.W. Commissioners. 88/07/13. MCKEE,K.R. Energy, Dept. of. 1p. 52636:068-52636:068.

## 196 NONDOCKETED ITEMS

- 9002160144 Forwards info notice.W/o encl.  
ZECH,L.W. Commissioners. 88/07/14. HERRINGTON,J.S. President of U.S. & Executive Offices. 1p. 52668:069-52668:069.
- 9002220630 Partial response to FOIA request.Releasable portion of App H document encl & available in PDR.App I records withheld in entirety (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/20. FELTON,J.M. Nuclear Licensing Reports. 4pp. 52668:073-52668:078.
- 9002220633 Partially withheld memo re SECY-86-384.  
LIEBERMAN,J. NRC - No Detailed Affiliation Given. 87/06/30. SOHINKI,S. NRC - No Detailed Affiliation Given. 1p. 52668:078-52668:078.
- 9002220650 Appeals denial of 890927 FOIA request for documents.No reasonable segregable factual portions of App D-1 record exists.Release of facts would permit indirect inquiry into predecisional process of agency.  
BAUMAN,L.L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. BAUMAN,L.L. Citizens Association for Sound Energy. 89/11/13. Ofc of the Executive Director for Operations. 1p. 52668:064-52668:064.
- 9002220664 Responds to 891113 appeal of DH Grimsley 900104 response to FOIA request for records re Insp Repts 50-445/89-38 & 50-446/89-38.Records continue to be withheld (ref FOIA Exemption 5).  
THOMPSON,H.L. Dep Exec Dir for Nuc Mats Safety,Safeguards & Operations Support (Post 890205). 90/02/21. BAUMAN,L. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 2pp. 52668:065-52668:072.
- 9002220683 FOIA request for NUREG/BR-0133,chronologic listing of all events re radioactive scrap steel & color diagram of items containing radioactive mats routinely issued to scrap dealers.  
O'CONNOR,D.J. Marsh & McLennan, Inc. 90/02/06. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52668:060-52668:061.
- 9002220694 Final response to FOIA request for records.App A records encl & available in PDR.NUREG/BR-0133 & BR-0108 available for purchase through Govt Printing Ofc.  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/16. O'CONNOR,D.J. Marsh & McLennan, Inc. 2pp. 52668:062-52668:063.
- 9002230006 FOIA request for all enforcement guidance memos issued since 890118.  
UNNERSTALL,K. Newman & Holtzinger. 90/01/22. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 1p. 52669:068-52669:068.
- 9002230009 Final response to FOIA request for records.App A records encl & available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/15. UNNERSTALL,K. Newman & Holtzinger. 3pp. 52669:069-52669:102.
- 9002230010 Submits Enforcement Guidance Memo EGM 89-02 re marking of disclosure controls on pending enforcement cases.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-02. 89/03/17. HOLODY,D. Region 1, Ofc of the Director. JENKINS,G. Region 2, Ofc of the Director. GROBE,J. Region 3, Ofc of the Director. 1p. 52669:072-52669:072.
- 9002230011 Submits Enforcement Guidance Memo EGM 89-03 re classification of mobile nuclear medicine svc licensees for purpose of enforcement.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-03. 89/03/22. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:073-52669:073.
- 9002230015 Submits Enforcement Guidance Memo EGM 89-04 re documentation & tracking of noncited violations.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-04. 89/04/04. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52669:074-52669:075.
- 9002230018 Submits Enforcement Guidance Memo EGM 89-05 re appropriate distribution lists for both reactor & mats escalated enforcement actions & changes to boilerplate paragraphs in enforcement actions.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-05. 89/04/26. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 4pp. 52669:076-52669:079.
- 9002230020 Submits Enforcement Guidance Memo (EGM) EGM 88-09A re rescission of EGM 88-09, "Review by Ofc of Enforcement of Safeguards Enforcement Packages Subj to Revised Policy."  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 88-09A. 89/06/19. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:080-52669:080.
- 9002230023 Submits Enforcement Guidance Memo EGM 81-14B re transportation enforcement guidance.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 81-14B. 89/07/17. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:081-52669:081.
- 9002230027 Submits Enforcement Guidance Memo EGM 89-06 re licensee correspondence re escalated enforcement actions.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-06. 89/07/19. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:082-52669:082.
- 9002230032 Submits Enforcement Guidance Memo EGM 89-07 re Ofc of Enforcement participation in enforcement conferences.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-07. 89/07/27. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:083-52669:083.
- 9002230040 Submits Enforcement Guidance Memo EGM 89-08 re research reactors.  
WONG,H.J. Ofc of Enforcement (Post 870413). EGM 89-08. 89/08/15. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:084-52669:084.
- 9002230043 Submits Enforcement Guidance Memo EGM 89-09 re Ofc of Inspector General recommendations 1 & 3.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 89-09. 89/08/30. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:085-52669:085.
- 9002230048 Discusses Ofc of Inspector General recommendations 1 & 3 re repetitive violations & role of regional counsel in enforcement actions.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). 89/08/02. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 4pp. 52669:086-52669:089.
- 9002230052 Provides specific comments on Ofc of Inspector General recommendations on draft rept on review of NRC enforcement program.  
STELLO,V. Ofc of the Executive Director for Operations. 89/07/20. MALSCH,M.G. Office of Inspector General (Post 890417). 4pp. 52669:090-52669:093.
- 9002230057 Submits Enforcement Guidance Memo EGM 89-08A re research reactors.  
WONG,H.J. Ofc of Enforcement (Post 870413). EGM 89-08A. 89/08/13. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:094-52669:094.
- 9002230060 Submits Enforcement Guidance Memo EGM 90-01 re application of maint-related cause civil penalty escalation factor.  
LIEBERMAN,J. Ofc of Enforcement (Post 870413). EGM 90-01. 90/01/17. RUSSELL,W.T. Region 1, Ofc of the Director. EBNETER,S.D. Region 2, Ofc of the Director. DAVIS,A.B. Region 3, Ofc of the Director. 1p. 52669:095-52669:102.
- 9002230105 FOIA request for records,including investigations,repts, compliants & evaluations re Waste Mgt,Inc & subsidiary companies.  
SANDERS,P.J. Kern County, CA. 90/01/04. GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52669:253-52669:254.
- 9002230110 Final response to FOIA request for records.App A records encl & available in PDR.App B records partially withheld (ref FOIA Exemption 5).  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/16. SANDERS,P.J. Kern County, CA. 6pp. 52669:255-52669:354.
- 8411140260 Forwards Insp Rept 30-20016/84-01 on 841012.Confirms enforcement conference on 841121 in Region 1 ofc to discuss violations identified during insp.  
MARTIN,T.T. Div of Engineering & Technical Programs, R1. 84/11/07. DAVID,S. G.R.O.W.S., Inc. 2pp. 52669:290-52669:296.
- 8411140267 Insp Rept 30-20016/84-01 on 841012.Violation noted:failure to secure gauge from unauthorized removal,failure to post current copies of 10CFR19 & 20 & NRC-3 & use of gauge by unauthorized individuals.  
JOSTRA,J.A., GLENN,J.E. Region 1, Ofc of the Director. 84/11/07. 5pp. 52669:292-52669:296.
- 8501090516 Amend 1 to License 37-20638-01 for GROWS,Inc,changing Conditions 12 & 17 re authorized users & possession of licensed mat regulated by Items 6-8.  
GLENN,J.E. Region 1, Ofc of the Director. 84/12/24. 1p. 52669:263-52669:263.
- 8501090518 Forwards Amend 1 to License 37-20638-01.Review requested.  
GLENN,J.E. Div of Engineering & Technical Programs, R1. 03176. 84/12/24. HOLBROOK,W. G.R.O.W.S., Inc. 2pp. 52669:300-52669:301.
- 8501090520 Application for amend to License 37-20638-01,revising Condition 12 re use of licensed mat by authorized personnel.Fee paid.  
HOLBROOK,W.J. G.R.O.W.S., Inc. 03176. 84/11/29. GLENN,J. Region 1, Ofc of the Director. 3pp. 52669:297-52669:299.
- 8501090522 License 37-20638-01 for GROWS,Inc,authorizing Cs-137 & Am-241 sealed sources for use in Troxler Model 3411-B series moisture density gauge to measure properties of const mats.  
KINNEMAN,J.D. Region 1, Ofc of the Director. 83/09/22. 2pp. 52669:261-52669:262.
- 8501090524 Forwards License 37-20638-01.Review requested.  
KINNEMAN,J.D. Div of Engineering & Technical Programs, R1. 01683. 83/09/22. NELSON,J.W. G.R.O.W.S., Inc. 1p. 52669:276-52669:289.
- 8501090527 Application for license,authorizing Cs-137 & Am-241:Be sealed sources for use in Troxler Model 3411-B series moisture density gauge to measure properties of const mats.  
NELSON,J.W. G.R.O.W.S., Inc. 01683. 83/08/24. 8pp. 52669:270-52669:275.
- 8501210428 Corrected Amend 1 to License 37-20638-01 for GROWS,Inc, changing Conditions 12 & 17 re authorized users & possession of licensed mat regulated by Items 6-8.  
GLENN,J.E. Region 1, Ofc of the Director. 85/01/08. 1p. 52669:264-52669:264.
- 8501210433 Forwards corrected Amend 1 to License 37-20638-01.Wording of Condition 12 corrected per 850102 telcon.  
GLENN,J.E. Region 1, Ofc of the Director. 03176. 85/01/08. HOLBROOK,W. G.R.O.W.S., Inc. 2pp. 52669:310-52669:311.
- 8502060379 Discusses insp of License 37-20638-01 on 841012 & forwards notice of violation.No civil penalty proposed for Severity Level III violations re unattended density gauge due to prompt corrective actions.  
MURLEY,T.E. Region 1, Ofc of the Director. 84/12/31. DAVID,S. G.R.O.W.S., Inc. 2pp. 52669:302-52669:309.
- 8502060383 Notice of violation from insp on 841012.Violation noted: licensed moisture density gauge,containing 10 mCi Cs-137 & 40 mCi Am-241 sources,unlocked & stored in rear compartment of unlocked panel truck w/keys in ignition.  
\* Region 1, Ofc of the Director. 84/12/31. 2pp. 52669:304-52669:309.
- 8502270232 Ack receipt of 850127 ltr informing NRC of steps taken to correct violations noted in insp of License 37-20638-01.  
GLENN,J.E. Region 1, Ofc of the Director. 85/02/15. DAVID,S. G.R.O.W.S., Inc. 1p. 52669:312-52669:316.
- 8502270239 Responds to NRC 841231 ltr re violations noted in insp of License 37-20638-01.Corrective actions:authorized users instructed to properly secure moisture density gauges at all times.  
HOLBROOK,W.J. G.R.O.W.S., Inc. EA-84-129. 85/01/27. MURLEY,T.E. Region 1, Ofc of the Director. 4pp. 52669:313-52669:316.



-8506140009 Amend 2 to License 37-20638-01 for GROWS, Inc., authorizing use & possession of matl listed in Items 6-8 in accordance w/830824, 841129 & 850314 applications. GLENN, J.E. Region 1, Ofc of the Director. 85/05/31. 1p. 52669:265-52669:265.

-8506140011 Forwards Amend 2 to License 37-20638-01. GLENN, J.E. Region 1, Ofc of the Director. 03549. 85/05/31. LYBRAND, S.M. G.R.O.W.S., Inc. 2pp. 52669:318-52669:319.

-8707220481 Amend 3 to License 37-20638-01 for Waste Mgt, Inc., amending license in entirety. KINNEMAN, J.D. Region 1, Ofc of the Director. 87/03/18. 2pp. 52669:266-52669:267.

-8707220485 Forwards Amend 3 to License 37-20638-01. KINNEMAN, J.D. Region 1, Ofc of the Director. 106649. 87/03/18. JEANNETTE, W. Waste Management, Inc. 2pp. 52669:321-52669:322.

-8707220493 Application for amend to License 37-20638-01, transferring custody of Troxler Gauge & associated NRC license to Waste Mgt, Inc eastern district const engineering section. Fee paid. LYBRAND, S.M. Waste Management, Inc. 106649. 87/01/13. GLENN, J. Region 1, Ofc of the Director. 1p. 52669:320-52669:320.

-9001170428 Amend 4 to License 37-20638-01 for Waste Mgt, Inc., amending license in entirety. JR White 881130, JE Glenn 880824 & W Kudenchak 881107 ltrs & record of 881104 telcon encl. DAVIS, J. Region 1, Ofc of the Director. 109347. 88/11/30. 8pp. 52669:268-52669:269.

-9002230158 Safety insp on 890615 of License 37-20638-01. Insp findings: no violations noted. Actions taken to correct violations noted in previous insp verified. COLLINS, D.J. Region 1, Ofc of the Director. \* Waste Management, Inc. 89/06/15. 23pp. 52669:323-52669:345.

-9002230171 Forwards background info for 841121 enforcement conference in Region 1 ofc w/GROWS, Inc re violations identified & mgt control of radiation safety program. JOYNER, J.H. Region 1, Ofc of the Director. 84/11/20. MURLEY, T.E. Region 1, Ofc of the Director. 5pp. 52669:346-52669:352.

-9002230179 Partially withheld memo forwarding proposed enforcement action for five violations identified during insp on 841012, for review & concurrence. MURLEY, T.E. Region 1, Ofc of the Director. 84/12/06. DEYOUNG, R.C. Ofc of Inspection & Enforcement, Director (820201-870413). 2pp. 52669:353-52669:354.

9002230208 FOIA request for records used or made available by NRC at regional State Liaison Officers counterpart meeting on 891016-17 at headquarters. FELTON, J.M. Nuclear Licensing Reports. 89/12/15. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52669:103-52669:104.

9002230214 Final response to FOIA request. App A & B records encl & available in PDR. App C records partially withheld (ref FOIA Exemption 5). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/16. FELTON, J.M. Nuclear Licensing Reports. 5pp. 52669:105-52669:105.

-8911010158 Staff requirements memo informing that Commission disapproved recipients recommendation on proposed Commission policy statement on exemption from regulatory control (SECY-89-184). CHILK, S.J. Office of the Secretary of the Commission. 89/10/13. TAYLOR, J.M. Ofc of the Executive Director for Operations. PARLER, W.C. Office of the General Counsel (Post 860701). DENTON, H.R. Office of Governmental & Public Affairs (Post 870413). 1p. 52669:163-52669:252.

-8912180135 Advises that Commission has approved Implementation guidance for agreements to provide for state participation in NRC insp activities. CHILK, S.J. Office of the Secretary of the Commission. 89/10/06. TAYLOR, J.M. Ofc of the Executive Director for Operations. 2pp. 52669:161-52669:162.

-9002230223 Summarizes 890627 meeting in Region IV w/representatives of State of UT re regulatory jurisdiction over source matl. MONTGOMERY, J.M. Region 4, Ofc of the Director. 89/09/14. BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 51pp. 52669:110-52669:160.

9002260080 FOIA request for reviews of NRC activities re low level waste disposal, nuclear documents sys, potential conflicts of interest of NRC contractors, survey of operator licensing & NRC mgt of licensee rept of defects & non-compliance. KING, J.C. Associated Press. 90/02/06. MALSCH, M.G. Office of Inspector General (Post 890417). 1p. 52669:357-52669:357.

9002260085 Final response to FOIA request. App A records encl & available in PDR. PHILIPS, J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/22. KING, J.C. Associated Press. 2pp. 52669:355-52669:356.

9002270180 FOIA request for internal notes, memos, briefings, ltrs & records re Insp Repts 50-397/87-13, 50-397/87-19 & 50-397/88-24. PENLAND, T.L. Bishop, Cook, Purcell & Reynolds. 90/01/11. ROBINSON, L. NRC - No Detailed Affiliation Given. 1p. 52716:304-52716:304.

9002270184 Final response to FOIA request for records. App A & B records encl & available in PDR. App B records partially withheld (ref FOIA Exemptions 4 & 6). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/23. PENLAND, T. Bishop, Cook, Purcell & Reynolds. 5pp. 52716:305-52716:311.

-9002270186 Advises of lodgings & transportation plans for WNP-2 insp team members. TOTH, A.D. Region 5, Ofc of the Director. 88/07/07. Region 5, Ofc of the Director. 1p. 52716:310-52716:310.

-9002270189 Requests appropriate ltr to util re security status of listed personnel for 880808-0902 team insp. TOTH, A.D. Region 5, Ofc of the Director. 88/07/08. Office of Information Resources Management (Post 890205). 1p. 52716:311-52716:311.

-9002270196 Requests that cognizant project branch staff provide data & guidance for preparation of insp plan for team insp during wk of 880829. Supporting documentation encl. PATE, R.J. Region 5, Ofc of the Director. 88/06/03. ZIMMERMAN, R. Region 5, Ofc of the Director. 415pp. 52716:312-52716:006.

-9002270202 Advises that encl listed employee should be provided site-specific training in radiological protection, emergency response & security comparable to that furnished by util to regular site employee granted unescorted access. MARTIN, J.B. Region 5, Ofc of the Director. 88/07/26. SORESEN, G.C. Washington Public Power Supply System. 2pp. 52718:007-52718:008.

-9002270210 Provides security clearance info for generic precursor event insp on 880808-0902. ROE, J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 88/08/05. FRIGILLANA, E. Region 5, Ofc of the Director. 1p. 52718:009-52718:009.

-9002270219 Requests unescorted access for listed inspector for precursor team insp on 880822-0902. HAUGHNEY, C.J. Special Inspection Branch. 88/08/18. HAMILL, K. Region 5, Ofc of the Director. 2pp. 52718:010-52718:011.

9002280217 FOIA request for rept of last insp of closeout survey for Automation Industries probably performed in 1986. BAKER, S.A. West Co. 90/02/09. Division of Freedom of Information & Publications Services (Post 890205). 1p. 52727:126-52727:126.

9002280221 Final response to FOIA request for records. App A records available in PDR. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. BAKER, S.A. West Co. 2pp. 52727:127-52727:128.

9002280225 FOIA request for internal NRC rept of Mar 1989 re mgt personnel of Baltimore Gas & Electric Co. BURGER, K.A. Maryland, State of. 90/02/05. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52727:121-52727:124.

-9002280234 Requests waiver of fee for FOIA request for records re senior mgt meetings for facility. BURGER, K.A. Maryland, State of. 89/10/13. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52727:123-52727:124.

9002280237 Final response to FOIA request for records. No records subj to request located. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. BURGER, K.A. Maryland, State of. 1p. 52727:125-52727:125.

9002280245 FOIA request for antitrust reviews re issuance of CP & OL for facility & power interconnection agreements, including but not limited to agreement of 1972 & 1978. SPECTOR, B.S. Gerst, Heffner, Carpenter & Podgorsky. 89/12/20. Justice, Dept. of. 2pp. 52727:129-52727:130.

9002280256 Responds to FOIA request for records. App document encl & available in PDR. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. SPECTOR, B.S. Gerst, Heffner, Carpenter & Podgorsky. 2pp. 52727:131-52727:133.

-9002280262 Forwards info requested by Atty General for antitrust review of application for OL. SHAPAR, H.K. Atomic Energy Commission (Pre 750101). A. 73/12/28. BORK, R.H., SAUNDERS, J.J. Justice, Dept. of, Attorney General, Office of. 52pp. 52727:133-52727:183.

# GEN TEC IS GENERIC TECHNICAL ISSUES

9001240190 NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

9001300375 Forwards responses to questions re Portland General Electric 881024 rept, "Trojan Nuclear Plant Reactor Vessel Supports, Design Basis & Evaluation Summary," raised during 890822 meeting w/NRC re resolution of Generic Safety Issue 15. COCKFIELD, D.W. Portland General Electric Co. 90/01/19. Document Control Branch (Document Control Desk). 22pp. 52490:166-52490:218.

9001310244 Forwards Safety Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226 & notice of violation. AXELSON, W.L. Region 3, Ofc of the Director. 90/01/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52503:293-52503:311.

-9001310249 Insp Repts 50-315/89-33 & 50-316/89-33 on 891117-1226. Violation noted. Major areas inspected: plant operations, maint, surveillance, security, engineering & technical support, reportable events, allegations & generic ltrs. BURGESS, B.L. Region 3, Ofc of the Director. GL-88-03. 90/01/12. 16pp. 52503:296-52503:311.

9002010242 Forwards working draft Rev 3 to Reg Guide 1.9, Task RS 802-5, "Selection, Design, Qualification, Testing & Reliability of Diesel Generator Units Used As Class 1E Onsite Electric Power Sys at Nuclear Power Plants." SERKIZ, A.W. Reactor Plant Safety Issues Branch. 90/01/22. MARION, A. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 1p. 52531:322-52531:356.

-9002010286 Working draft Rev 3 to Reg Guide 1.9, Task RS 802-5, "Selection, Design, Qualification, Testing & Reliability of Diesel Generator Units Used As Class 1E Onsite Electric Power Sys at Nuclear Power Plants." \* NRC - No Detailed Affiliation Given. 89/11/28. 34pp. 52531:323-52531:356.

9002020243 Submits revised schedule to resolve USI A-46 re generic implementation procedures developed by Seismic Qualification Util Group. If final NRC SER issued during First Quarter 1990 walkdowns could be done during second refueling outage. MROCKA, E.J. Connecticut Yankee Atomic Power Co. GL-87-02. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52539:266-52539:268.

## 198 NONDOCKETED ITEMS

**9002060210** Responds to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment. Program to perform periodic insps of intake structure will be developed. Browns Ferry response extended 30 days, per discussion w/G Gears. RAY, M.J. Tennessee Valley Authority. GL-89-13. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52584:282-52584:300.

**9002070106** Forwards response to Generic Ltr 89-13 re svc water sys. Intake forebays visually inspected for presence of macroscopic biological fouling organisms, sediment, corrosion products & miscellaneous debris. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). AEP-NRC:1104. 90/01/25. DAVIS, A.B. Document Control Branch (Document Control Desk). 45pp. 52598:291-52598:334.

**9002070287** Provides addl info supporting deferral of Seismic Qualification Util Group walkdowns to 10R outage. Performance of walkdowns provide proper scheduling & priority for resolution of USI A-46 for TMI-1. HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. C311-90-2009. 90/01/26. Document Control Branch (Document Control Desk). 2pp. 52604:292-52604:293.

**9002070306** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Belief in appropriateness to address Generic Ltr 89-13 concerns within context of established programmatic improvements noted. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). GL-89-13. 90/01/29. Document Control Branch (Document Control Desk). 10pp. 52604:267-52604:276.

**9002080119** Responds to recommended actions of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plant sys will be maintained in compliance w/10CFR50, App A, GDC 44, GDC 45 & GD 46 App B, Section XI. SIEBER, J.D. Duquesne Light Co. GL-89-13. 90/01/29. Document Control Branch (Document Control Desk). 16pp. 52584:246-52584:261.

**9002080159** Forwards util response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment for Sequoyah & Watts Bar Nuclear Plants. Response for Browns Ferry extended 30 days. List of commitments also encl. RAY, M.J. Tennessee Valley Authority. GL-89-13. 90/01/26. Document Control Branch (Document Control Desk). 20pp. 52594:226-52594:245.

**9002090074** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Recommendation of sampling of water & substrate for asiatic claims not applicable due to marine environ. GOLDBERG, J.H. Florida Power & Light Co. GL-89-13. 90/01/30. Document Control Branch (Document Control Desk). 7pp. 52626:111-52626:117.

**9002090076** Forwards response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." New chlorination sys installed using hypochlorite rather than gaseous chlorine & test program will be developed. HOLTZSCHER, D.L. Illinois Power Co. GL-89-13. 90/01/29. Document Control Branch (Document Control Desk). 5pp. 52599:069-52599:073.

**9002120148** NUREG-1316 TECHNICAL FINDINGS AND REGULATORY ANALYSIS RELATED TO GENERIC ISSUE 70. Evaluation Of Power-Operated Relief Valve And Block Valve Reliability In PWR Nuclear Power Plants. KIRKWOOD, R. Division of Safety Issue Resolution (Post 880717). 89/12/31. 26pp. 52611:263-52611:292.

### I&E INSPECTION AND ENFORCEMENT

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-88-036. 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Binding of HPSI Pumps During LOCA." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:082.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290031** PNO-I-90-004: on 900117, AECL Theratron 780 teletherapy device containing 3,800 Ci Co-60 inadvertently activated. Apparently caused by electrical static discharge causing timer read out to disappear. Technologists told to be attentive to timer. COURTEMANCHE, S. SHANBAKY, M. Region 1, Ofc of the Director. 90/01/18. 1p. 52469:116-52469:116.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-83-39. 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001300073** EN-90-007: on 900124, notice of violation & proposed imposition of civil penalty in amount of \$50,000 will be issued. Action based on violations of equipment qualification requirements of 10CFR50.49. LUEHMANN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). GL-88-07. 90/01/19. 1p. 52490:320-52490:320.

**9001300175** PNO-II-90-009: on 900113, NRC duty officer advised that Consolidated Freight, Inc. tractor trailer containing mixed freight & two Trolox Model 3400 B moisture-density gauges involved in accident near Salisbury, NC. WOODRUFF, R.L. Region 2, Ofc of the Director. 90/01/16. 1p. 52490:220-52490:220.

**9001300198** PNO-I-90-005: on 900117, disconnect between source transfer tubes of CIS-US Curietron 2E1000 afterloader & patient applicator in vaginal carcinoma treatment identified. Caused by possible problem w/tube-applicator knob. PICCONE, J., SHANBAKY, M. Region 1, Ofc of the Director. 90/01/18. 2pp. 52471:178-52471:179.

**9001300206** PNO-II-90-008: on 900118, vial containing 5 mCi S-35 disintegrated when vial removed from storage area being cooled w/liquid nitrogen, contaminating storage room & four employees. Employees decontaminated & nasal swabs taken. WOODRUFF, R.L. Region 2, Ofc of the Director. 90/01/19. 1p. 52490:087-52490:087.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). GL-85-14. 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9001310017** PNO-I-90-006: on 900122, contamination incident occurred re cracking of vial containing 1.7 Ci of Tc-99m pertechnetate & spilling 10% of contents during preparation. Personnel controlled area & spill covered. Commonwealth of PA notified. JOUSTRA, J., SHANBAKY, M. Region 1, Ofc of the Director. 90/01/22. 2pp. 52498:071-52498:072.

**9001310127** EN-90-008: on 900125, notice of proposed imposition of civil penalty in amount of \$30,000 will be issued to licensee based on multiple violations identified by Augmented Insp Team. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-219. 90/01/22. 1p. 52504:137-52504:137.

**9001310137** EN-90-009: on 900126, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued, based on failure to correct deficiencies re svc water sys overtemp of pump motors. BAKER, E., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-235. 90/01/23. 1p. 52514:037-52514:037.

**9001310137** PNO-II-90-010: on 900123, personnel identified w/low level external contamination to hands & feet. All personnel successfully decontaminated & released. BROCKMAN, K. Region 2, Ofc of the Director. 90/01/24. 1p. 52504:139-52504:139.

**9001310141** Forwards biweekly listing of generic communications being considered or under development by NRC. BERLINGER, C.H. Generic Communications Branch. 90/01/19. GREEN, W. Institute of Nuclear Power Operations. 6pp. 52514:092-52514:097.

**9002010139** PNO-IV-90-005: on 900122, solenoid valve failure caused in-plant spill of 10,000 to 20,000 lb of depleted UF4 powder. One worker inhaled or ingested small amount of matl. Analysis of urine & fecal samples underway. FISHER, W.L., YANDELL, L.A. Region 4, Ofc of the Director. 90/01/23. 2pp. 52532:064-52532:065.

**9002010379** PNO-I-90-005A: updates notification of malfunction of source transfer tube in remote afterloading brachytherapy irradiator. Licensee informed region of two addl incidents involving same afterloader that also occurred on 900118. PICCONE, J., SHANBAKY, M. Region 1, Ofc of the Director. 90/01/23. 2pp. 52522:106-52522:107.

**9002020254** PNO-II-90-006: on 900112, fire occurred in dryer in uncontaminated portion of facility laundry while drying rags containing dye penetrant. Licensee eventually extinguished fire w/water hose. No injuries or contamination noted. MCALPINE, E.J. Region 2, Ofc of the Director. 90/01/16. 1p. 52540:135-52540:135.

**9002050223** PNO-II-90-003: on 900107, radioactive trash containing approx 1 mCi I-131 removed from patient room & incinerated on 900108. Ash samples obtained on 900109 indicated no detectable activity. State of CA informed. BROWN, R. Region 2, Ofc of the Director. 90/01/11. 1p. 52548:211-52548:211.

**9002050283** PNO-IV-90-004: on 900123, plant shut down to Mode 3 conditions to investigate failure of control element drive motor cooling fan Motors B & D. Plant startup planned for 900125. CHAMBERLAIN, D. Region 4, Ofc of the Director. 90/01/23. 1p. 52547:168-52547:168.

**9002060312** PNO-I-90-007: on 900130, plant manager suspended from work due to failure to pass breathalyzer test w/alcohol content above program limits (.04). Site access suspended & licensee initiated independent review. State of NH notified. MCCABE, E. Region 1, Ofc of the Director. 90/01/31. 1p. 52558:062-52558:062.

**9002070049** EN-90-010: on 900131, notice of violation & proposed imposition of civil penalty in amount of \$100,000 will be issued. Action based on failure to properly consider role of emergency diesel generator ventilation support sys. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-218. 90/01/26. 1p. 52598:223-52598:223.

**9002070223** Forwards draft of proposed NRC bulletin on loss of fill-oil in Rosemount transmitters, for comments. BERLINGER, C.H. Generic Communications Branch. 90/01/29. MARION, A. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 13pp. 52598:182-52598:194.

**9002070310** EN-90-012: on 900201, notice of violation will be issued to util. Action based on numerous violations of fire protection requirements of 10CFR50, App R involving inadequate separation of safety equipment trains & fire barriers. LUEHMANN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-86-070. 90/01/29. 1p. 52604:258-52604:258.

**9002070314** EN-90-011: on 900201, notice of violation & proposed imposition of civil penalty in amount of \$500 will be issued. Action based on failure to provide personnel dosimetry to gauge users & leak test sealed sources. JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-217. 90/01/29. 1p. 52598:348-52598:348.

**9002070422** Forwards listed NRC bulletins & info notices, per 891218 request. NRC initiated transmittal of all bulletins & info notices to Govt-Industry Data Exchange Program. W/o encls. BRACH, E.W. Vendor Inspection Branch. 90/01/30. GRAHAM, V.C. Navy, Dept. of. 2pp. 52587:220-52587:221.

9002070471 Forwards draft proposed NRC bulletin on loss of fill-oil in Rosemount transmitters,for comments.  
BERLINGER,C.H. Generic Communications Branch. 90/01/29. WANEK,S.J. Rosemount, Inc. 13pp. 52587:227-52587:239.

9002080241 PNO-ADSP-90-002:on 900130,potential violation re intimidation of QC receipt insp personnel noted.On 900202, telephone threat received by wife of inspector.Police rept filed.Utl security organization reviewing event.  
WARNICK,R.F., LATTAR,L. Associate Director for Special Projects (Post 890101). 90/02/05. 1p. 52589:049-52589:049.

9002090045 EN-89-065A:on 900202,order imposing civil penalty in amount of \$50,000 will be issued.Staff conclusion that violation occurred as stated & that reduction of severity level or mitigation of civil penalty inappropriate noted.  
LUEHMAN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). EA-89-069. 90/01/26. 1p. 52599:052-52599:052.

9002090052 EN-90-013:on 900202,notice of violation & proposed imposition of civil penalty in amount of \$7,500 will be issued to licensee,based on repetitive failure on part of licensee employees to adequately protect safeguards info.  
ROSANO,R.P., LIEBERMAN,J. Ofc of Enforcement (Post 870413). EA-89-227. 90/01/30. 1p. 52615:044-52615:044.

9002130055 PNO-I-90-008:on 900203,loss of shutdown cooling occurred, causing reactor temp to exceed 200 degrees F.Caused by ground fault on reactor protection sys.Press release issued. Commonwealth of PA notified.  
SWETLAND,P.D. Region 1, Ofc of the Director. 90/02/05. 2pp. 52645:333-52645:334.

9002130359 PNO-III-90-007:on 900201,therapeutic misadministration involving injection of seven lr-192 seeds into patient lung occurred.Caused by kink in plastic tube used to position seeds.Review of event by medical consultant arranged.  
SRENIAWSKI,D., MALLET,B. Region 3, Ofc of the Director. 90/02/05. 1p. 52647:057-52647:057.

9002140012 PNO-IV-90-007:on 900206,plant tripped from 100% reactor power on low flow.Caused by differential element overcurrent relay signal tripping reactor coolant pump.Refueling outage scheduled for 900308.State of KS will be informed.  
HOLLER,E. Region 4, Ofc of the Director. 90/02/07. 2pp. 52655:360-52655:361.

9002140115 Responds to 891213 ltr re NRC Info Notice 89-056,Suppl 1. Purpose of ref to DuBose 891025 ltr in info notice was to alert licensees to potential defect in PVN matl supplied to DuBose.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). IEIN-89-056. 90/01/30. DUBOSE,C.H. DuBose Steel, Inc. 2pp. 52648:359-52648:360.

9002150129 PNO-I-90-008:on 900206,plant shutdown commenced due to increasing unidentified RCS leakage due to failed pump seal. On 900110,recirculation pump A discharge valve failed to close.Outage of 8 days planned to repair pump seal.  
YOUNG,S. Region 1, Ofc of the Director. 90/02/06. 1p. 52656:164-52656:164.

9002150143 EN-90-017:on 900208,NRC approved issuance of order modifying license & issuance of notice of violation on 900212 re violations involving deliberate matl false statements & failure to evaluate const deficiencies from 1984 to 1986.  
LUEHMAN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). EA-88-106. 90/02/12. 1p. 52658:204-52658:204.

9002160099 EN-90-014:on 900207,notice of violation & proposed imposition of civil penalty in amount of \$1,250 will be issued,based on failure of radiation safety committee to meet in Second Quarter 1988.  
JOHANSEN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). EA-89-216. 90/02/02. 1p. 52669:004-52669:004.

9002160154 PNO-I-90-010:5 of 14 operators failed requalification exam performed during wk of 900129-0202,including addl staff operator used only in simulator.Individuals removed from licensed duties.Confirmatory action ltr issued on 900202.  
FLORE,D., CONTE,R. Region 1, Ofc of the Director. CAL. 90/02/08. 1p. 52668:307-52668:307.

9002220033 PNO-ADSP-90-004:on 900214,last fuel assembly loaded into reactor vessel 10 days ahead of schedule w/minor interruptions.Resident inspectors will provide backshift coverage for selected plant evolutions.  
WIEBE,J., JOHNSON,W. Region 4, Ofc of the Director. 90/02/15. 1p. 52674:358-52674:358.

9002220037 PNO-ADSP-90-002A:updated info re potential intimidation of QC Inspector.Phone call did not imply death threat & not as serious as originally characterized.  
WARNICK,R.F., LATTAR,L. Region 4, Ofc of the Director. 90/02/15. 1p. 52678:274-52678:274.

9002220104 EN-90-018:900213,order modifying licenses (effective immediately) issued to licensee.Action based on identification of unmonitored release of radioactively contaminated water from facility bldg to retention pond.  
JOHANSEN,J., LIEBERMAN,J. Ofc of Enforcement (Post 870413). EA-90-033. 90/02/13. 1p. 52695:291-52695:291.

9002220177 PNO-I-90-011:on 900209,addl discharge of contaminated water noted.Cause of leak under investigation.Licensee initiated pumping of contaminated water into available storage tanks & installation of ion exchange columns on storage tanks.  
ROTH,J., BORES,R. Region 1, Ofc of the Director. 90/02/09. 1p. 52674:084-52674:084.

9002220196 PNO-V-90-006:earthquake of 3.9 magnitude actuated seismic monitoring instrumentation.Moderate earthquake declared & appropriate walkdowns & verifications performed per emergency plan procedures.  
MENDONCA,M., NARBUT,P. Region 5, Ofc of the Director. 90/02/06. 1p. 52682:048-52682:048.

9002220257 Forwards biweekly listing of generic communications being considered by NRC for info,including bulletins,info notices & generic ltrs.  
BERLINGER,C.H. Generic Communications Branch. 90/02/02. GREEN,W. Institute of Nuclear Power Operations. 5pp. 52689:196-52689:190.

9002220298 PNO-IV-90-006:on 900202,reactor trip occurred when Train S breaker opened.Cause under investigation.Train reactor trip breakers replaced.State of TX informed.  
HOLLER,E. Region 4, Ofc of the Director. 90/02/02. 2pp. 52695:289-52695:290.

9002220426 PNO-IV-90-008:on 900211,unit experienced partial ESF actuation of stand-by diesel generator.Caused by Topaz inverter trip.Licensee suspended further use of procedure involved & tagged out charger in FLOAT position.  
CONSTABLE,G.L. Region 4, Ofc of the Director. 90/02/12. 2pp. 52674:082-52674:083.

9002230089 PNO-II-90-008:on 900208,licensee reported that 42-yr old female patient undergoing treatment for vaginal cancer received dose of radiation 27% higher than that prescribed.NRC medical consultant contracted to determine effects.  
SRENIAWSKI,D., MALLET,B.S. Region 3, Ofc of the Director. 90/02/09. 1p. 52716:291-52716:291.

# NUREG NUREG REPORTS AND RELATED CORRESPONDENCE

9001290001 Forwards "North Anna Power Station Emergency Plan Table 5.1, 'Min Staffing Requirements for Emergencies'" & "Surry... Table 5.1, 'Min Staffing Requirements...'" for approval,per 10CFR50.54(q),NUREG-0654 & NUREG-0737,Suppl 1.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 8989-858. 90/01/17. Document Control Branch (Document Control Desk). 2pp. 52469:060-52469:076.

9001290111 Forwards safety evaluation concluding that License Condition 2.C.(4) re in-plant safety relief valve discharge tests of conservatism of certain loads applied in analysis of Mark I containment met,per SSER 5 (NUREG-0798).  
STANG,J.F. Project Directorate III-1. TAC 59607. 90/01/18. SYLVIA,B.R. Detroit Edison Co. 3pp. 52454:087-52454:093.

9001290186 Advises that administration of generic fundamentals exam section of written OL exam will conform to stated registration & exam process guidelines to be included in next rev of NUREG-1021, "NRC Operator Licensing...".  
COLLINS,S.J. Region 4, Ofc of the Director. GL-89-17. 90/01/09. DEWEASE,J.G. Louisiana Power & Light Co. 5pp. 52473:001-52473:005.

9001290267 Forwards MHB Technical Associates 900108 response to NRC press release,requesting that comments be brought to attention of Special Committee to Review Severe Accident Risk Rept.Placement of ltr in PDR requested.  
BARTLETT,C.B. NRC - No Detailed Affiliation Given. 90/01/12. HOYLE,J. Office of the Secretary of the Commission. 1p. 52451:359-52451:355.

-9001290272 Responds to NRC Press Release 90-2, "NRC Special Committee to Review Severe Accident Risks Rept to Meet 900118-19." Bringing of comments re seismic hazard curves & human reliability analysis to attention of committee requested.  
SHOLLY,S.C. MHB Technical Associates. 90/01/08. BARTLETT,C.B. Office of Nuclear Regulatory Research, Director (Post 860720). 2pp. 52451:354-52451:355.

9001300407 Transcript of ACRS Subcommittee on Severe Accidents & Subcommittee on PRA 900124 meeting in Albuquerque,NM to review NUREG-1150, "Severe Accident Risks." Pp 331-464. Supporting info encl.  
\* ACRS - Advisory Committee on Reactor Safeguards. 90/01/24. 241pp. 52463:193-52464:076.

9001300428 Transcript of ACRS Subcommittee on Severe Accidents & Subcommittee on PRA 900123 meeting in Albuquerque,NM to review NUREG-1150, "Severe Accident Risks." Pp 1-330. Supporting info encl.  
\* ACRS - Advisory Committee on Reactor Safeguards. 90/01/23. 448pp. 52462:017-52463:192.

9001300431 Provides notification of completion of inadequate core cooling monitoring sys enhancements,NUREG-0737,Item II.F.2.  
FEIGENBAUM,T.C. Public Service Co. of New Hampshire. NYN-90015. 90/01/23. Document Control Branch (Document Control Desk). 2pp. 52490:305-52490:306.

9001300438 Forwards insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/01/19. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 52496:339-52496:352.

-9001300442 Insp Repts 50-259/89-58,50-260/89-58 & 50-296/89-58 on 891218-22.No violations or deviations noted.Major areas inspected:control room operator & licensed operator requalification accredited training programs.  
BRESLAU,B. Region 2, Ofc of the Director. 50-260/89-58. 90/01/10. 10pp. 52496:343-52496:352.

9001310254 Responds to 891130 request for addl info re 890720 response to Generic Ltr 89-08 re long-term erosion/corrosion monitoring program for high-energy carbon steel sys.Program meets NUMARC guidelines described in App A of NUREG-1344.  
BRAM,S.B. Consolidated Edison Co. of New York, Inc. GL-89-08. 90/01/17. Document Control Branch (Document Control Desk). 1p. 52503:196-52503:196.

9002010197 Requests NRC approval to discontinue formal notification of permanent changes to organization & permanent replacement of senior managers.  
RAY,M.J. Tennessee Valley Authority. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52541:203-52541:204.

9002010217 Forwards safety evaluation concluding that procedures generation package for upgrading emergency operating procedures needs to be improved to address programmatic improvements,per Generic Ltr 82-33 & NUREG-0737,Suppl 1.  
HOOD,D. Project Directorate III-3. GL-82-33. 90/01/19. TUCKER,H.B. Duke Power Co. 10pp. 52532:001-52532:010.

9002010261 Forwards results from feedwater nozzle exam,in accordance w/NUREG-0819 insp format.  
DEVINE,J.C. General Public Utilities Corp. - GPU Service Corp. 5000-90-1857. 90/01/18. Document Control Branch (Document Control Desk). 10pp. 52515:098-52515:105.

9002010415 Advises of closure of Std Deficiency Rept 247,Rev 0, resulting from Yucca Mountain project otc QA Audit 88-05 of LLL.Deficiency covered lack of documentation in 19.X series procedures,per NUREG-0856.  
HORTON,D.G. Energy, Dept. of. HLWR. 90/01/26. JARDINE,L.J. Lawrence Livermore National Laboratory. 5pp. 52535:332-52535:336.

## 200 NONDOCKETED ITEMS

- 9002020023 Forwards Suppl 4 to "Human Factors CRDR of Comanche Peak Steam Electric Station," containing summary of surveys, addressing compliance per NUREG-0700 & identifying three listed items licensee deems appropriate. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). TX-90029. 90/01/24. Document Control Branch (Document Control Desk). 2pp. 52526:174-52526:183.
- 9002020029 Suppl 4 to "Human Factors CRDR of Comanche Peak Steam Electric Station."  
\* TU Electric (formerly Texas Utilities Generating Co.). GL-82-33. 90/01/31. 8pp. 52526:176-52526:183.
- 9002020167 Forwards EGG-NTA-8701, "TMI Action - NUREG-0737 (I.D.1) Relief & Safety Valve Testing VC Summer Nuclear Station." All items completed except qualification of piping & supports upstream of safety valves & PORVs. HAYES, J.J. Project Directorate II-1. TAC 51606. 90/01/19. BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp. 52539:124-52539:161.
- 9001220107 EGG-NTA-8701 "TMI Action-NUREG-0737 (I.D.1) Relief & Safety Valve Testing, VC Summer Nuclear Station," technical evaluation rept.  
YUAN, C.Y., NALEZNY, C.L., FINEMAN, C.P. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN A-6492. TAC 51606. 89/09/30. NRC - No Detailed Affiliation Given. 35pp. 52539:127-52539:161.
- 9002050375 Forwards Amends 136 to Licenses DPR-32 & DPR-37 & safety evaluation. Amends delete "buddy sys" requirement for entry into high radiation areas & rewrite Tech Spec 6.4.B, per format of Rev 4 to NUREG-0452 re Westinghouse PWR STS. BUCKLEY, B.C. Project Directorate II-2. TAC 75480. 90/01/28. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52542:194-52542:207.
- 9002050379 Amends 136 to Licenses DPR-32 & DPR-37, deleting "buddy sys" requirement for entry into high radiation area & rewriting Tech Spec 6.4.B using format of Rev 4 to NUREG-0452, "STS for Westinghouse PWRs."  
BERKOW, H.N. Project Directorate II-2. DPR-37 A 136. 90/01/29. 8pp. 52542:197-52542:204.
- 9002060014 Forwards "Duane Arnold Energy Ctr Site Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys QA Verification." Rept summarizes engineering design sys. Sys adequate in event of radiological emergency at site. PETERSON, G.C. Federal Emergency Management Agency. 90/01/16. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 52558:068-52558:345.
- 9002060096 Forwards safety evaluation accepting changes in resolution of human engineering deficiencies resulting from DCDR. HOOD, D. Project Directorate II-3. TAC 64844. 90/01/23. TUCKER, H.B. Duke Power Co. 2pp. 52555:128-52555:133.
- 9002060097 Safety evaluation accepting changes in resolution of human engineering deficiencies resulting from DCDR.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/23. 4pp. 52555:130-52555:133.
- 9002070118 Summary of 900117-18 onsite audit of plant SPDS & DCDR. List of attendees encl. DROMERICK, A.W. Project Directorate I-4. 90/01/30. Project Directorate I-4. 6pp. 52604:218-52604:223.
- 9002070238 Forwards Requalification Program Evaluation & Replacement Exam Rept 50-245/89-26OL of evaluation conducted during wks of 891016 & 23 & exams administered during wk of 891016. Requalification program satisfactory. GALLO, R.M. Region 1, Ofc of the Director. 90/01/29. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52587:068-52587:145.
- 9002070243 Requalification Program Evaluation & EOP/BWR Power Oscillation Insp Rept 50-245/89-26OL on 891016-21 & 23-26. Exam results: all 5 reactor operators (ROs) & 14 of 15 senior ROs passed all portions of exam & replacement exams passed. EASLICK, T.A., FLOREK, D.J., CONTE, R.J. Region 1, Ofc of the Director. 90/01/25. 6pp. 52587:070-52587:145.
- 9002070419 Forwards preoutage IGSCC insp plan for upcoming 1990 refueling outage. Util will not routinely submit preoutage plans in future per Generic Ltr 88-01 & NUREG-0313. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). JPN-90-012. 90/01/29. Document Control Branch (Document Control Desk). 28pp. 52587:258-52587:285.
- 9002080119 Responds to recommended actions of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Plant sys will be maintained in compliance w/10CFR50, App A, GDC 44, GDC 45 & GD 46 App B, Section XI. SIEBER, J.D. Duquesne Light Co. GL-89-13. 90/01/29. Document Control Branch (Document Control Desk). 16pp. 52594:246-52594:261.
- 9002080238 Comment urging adoption of criteria for air shipment of Pu included in Sections 71.64, 71.74 & 71.88 of proposed rule, "Transportation Regulations/Compatibility W/IAEA." Criteria will give force of law to US stds for Pu air transport. LEVENTHAL, P., TANZER, S. Nuclear Control Institute. 53FR21550 00030. 90/01/29. Docketing & Services Branch. 6pp. 52567:146-52567:151.
- 9002080272 Comment re proposed rule 10CFR71. Concurs w/F Murkowski amend to NUREG-0630 which establishes reasonable min stds for Pu air transport flights through US airspace & opposes DOE attempts to undermine stds. PROCTER, K.M. Affiliation Not Assigned. 53FR21550 00031. 90/02/02. Docketing & Services Branch. 1p. 52567:163-52567:163.
- 9002080281 Forwards Suppl 22 to NUREG-0797 re operation of plant W/o encl. GRIMES, C.I. Comanche Peak Project Division. 90/02/02. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52593:224-52593:226.
- 9002080295 Comment supporting proposed rule 10CFR71 re NUREG-0360. No need for weakening controls exists. SPARROW, J. Affiliation Not Assigned. 53FR21550 00033. 90/02/02. NRC - No Detailed Affiliation Given. 1p. 52567:170-52567:170.
- 9002090075 Forwards nonproprietary WCAP-12438-A & proprietary WCAP-11837-P-A, "Extension of Methodology for Calculating Transition Core DNBR Penalties." Proprietary rept withheld (ref 10CFR2.780). JOHNSON, W.J. Westinghouse Electric Corp. NS-NRC-90-3483. 90/01/31. JONES, R.C. Reactor Systems Branch. 2pp. 52634:181-52634:238.
- 9002120129 NUREG/CR-3668 MINET CODE DOCUMENTATION.  
VAN TUYLE, G.J., NEPSEE, T.C., GUPPY, J.G. Brookhaven National Laboratory. FIN A-3041. BNL-NUREG-51742. 89/12/31. Division of Regulatory Applications (Post 870413). 321pp. 52582:219-52583:179.
- 9002120142 NUREG-0540 V11 N10 TITLE LIST OF DOCUMENTS MADE PUBLICLY AVAILABLE. October 1-31, 1989.  
\* Division of Freedom of Information & Publications Services (Post 890205). 90/01/31. 326pp. 52581:253-52582:218.
- 9002120143 NUREG/CR-5395 V10 MULTILoop INTEGRAL SYSTEM TEST (MIST): FINAL REPORT. RELAP5/MOD2 MIST Analysis Comparisons.  
KLINGENFUS, J.A., PARECE, M.V. Babcock & Wilcox Co. FIN B-8903. EPRI/NP-6480. 89/12/31. Division of Systems Research (Post 880717). 300pp. 52580:313-52581:252.
- 9002120148 NUREG-1316 TECHNICAL FINDINGS AND REGULATORY ANALYSIS RELATED TO GENERIC ISSUE 70. Evaluation of Power-Operated Relief Valve And Block Valve Reliability In PWR Nuclear Power Plants.  
KIRKWOOD, R. Division of Safety Issue Resolution (Post 880717). 89/12/31. 26pp. 52611:263-52611:292.
- 9002120167 NUREG/CR-4469 V08 NONDESTRUCTIVE EXAMINATION (NDE) RELIABILITY FOR INSERVICE INSPECTION OF LIGHT WATER REACTORS. Semiannual Report, October 1987 - March 1988.  
DOCTOR, S.R., DEFFENBAUGH, J., GOOD, M.S. Battelle Memorial Institute, Pacific Northwest Laboratory. FIN B-2289. PNL-5711. 89/10/31. Division of Engineering (Post 870413). 67pp. 52603:122-52603:188.
- 9002120184 NUREG/CR-2000 V08N12 LICENSEE EVENT REPORT (LER) COMPILATION. For Month Of December 1989.  
\* Oak Ridge National Laboratory. FIN A-9135. ORNL/NSIC-200. 90/01/31. Office for Analysis & Evaluation of Operational Data, Director. 70pp. 52611:131-52611:203.
- 9002120234 NUREG/CR-5506 PRELIMINARY STRUCTURAL EVALUATION OF TROJAN RCL SUBJECT TO POSTULATED RPV SUPPORT FAILURE.  
LU, S.C. Lawrence Livermore National Laboratory. FIN B-6021. UCID-21831. 90/01/31. Division of Engineering (Post 870413). 35pp. 52611:224-52611:262.
- 9002120237 NUREG/CR-5307 CLOSEOUT OF IE BULLETIN 80-02: INADEQUATE QUALITY ASSURANCE FOR NUCLEAR SUPPLIED EQUIPMENT.  
FOLEY, W.J., DEAN, R.S., HENNICK, A. PARAMETER, Inc. FIN B-8729. PARAMETER IE198. 89/12/31. Division of Operational Events Assessment (Post 870411). 15pp. 52611:204-52611:223.
- 9002120263 NUREG/CR-5169 MOBILIZATION AND TRANSPORT OF URANIUM AT URANIUM MILL TAILINGS DISPOSAL SITES. Application Of A Chemical Transport Model.  
ERIKSON, R.L., HOSTETLER, C.J., KEMNER, M.L. Battelle Memorial Institute, Pacific Northwest Laboratory. FIN B-2482. PNL-7154. 90/01/31. Division of Low-Level Waste Management & Decommissioning (Post 870413). 115pp. 52596:210-52596:324.
- 9002120269 NUREG/CR-5368 REACTIVITY ACCIDENTS. A Reassessment Of The Design-Basis Events.  
DIAMOND, D.J., HSU, C.J., FITZPATRICK, R. Brookhaven National Laboratory. FIN A-3965. BNL-NUREG-52198. 90/01/31. Division of Systems Research (Post 880717). 135pp. 52596:325-52597:099.
- 9002120277 NUREG/CR-5492 INVESTIGATIONS OF IRRADIATION-ANNEAL-REIRRADIATION (IAR) PROPERTIES TRENDS OF RPV WELDS. Phase 2 Final Report.  
HAWTHORNE, J.R., HISER, A.L. Materials Engineering Associates, Inc. FIN B-8900. MEA-2088. 90/01/31. Division of Engineering (Post 870413). 302pp. 52574:001-52574:302.
- 9002120283 NUREG/IA-0012 RELAP5/MOD2 CALCULATIONS OF OECD-LOFT TEST LP-SB-01.  
HALL, P.C., BROWN, G. United Kingdom, Govt. of. GD/PE-N/544. 90/01/31. Office of Nuclear Regulatory Research, Director (Post 860720). 40pp. 52597:215-52597:254.
- 9002120284 NUREG/CR-5478 IMPROVED EDDY-CURRENT INSPECTION FOR STEAM GENERATOR TUBING. Progress Report For January 1985 To December 1987.  
DODD, C.V., DEEDS, W.E., MCCLUNG, R.W. Oak Ridge National Laboratory. FIN B-0417. ORNL/TM-11389. 90/01/31. Division of Engineering (Post 870413). 36pp. 52597:255-52597:283.
- 9002120292 NUREG/CR-5424 ELICITING AND ANALYZING EXPERT JUDGEMENT. A Practical Guide.  
MEYER, M.A., BOOKER, J.M. Los Alamos National Laboratory. FIN A-7225. LA-11667-MS. 90/01/31. Division of Systems Research (Post 880717). 424pp. 52574:303-52576:006.
- 9002120296 NUREG/CR-4469 V09 NONDESTRUCTIVE EXAMINATION (NDE) RELIABILITY FOR INSERVICE INSPECTION OF LIGHT WATER REACTORS. Semiannual Report, April-September 1988.  
DOCTOR, S.R., DEFFENBAUGH, J., GOOD, M.S. Battelle Memorial Institute, Pacific Northwest Laboratory. FIN B-2289. PNL-5711. 89/11/30. Division of Engineering (Post 870413). 115pp. 52597:100-52597:214.
- 9002120309 NUREG/CR-4550 V01 R1 ANALYSIS OF CORE DAMAGE FREQUENCY: INTERNAL EVENTS METHODOLOGY.  
ERICSON, D.M. ERC Environmental & Energy Services, Inc. WHEELER, T.A., SYPE, T.T. Sandia National Laboratories. FIN A-1228. SAND86-2084. 90/01/31. Division of Systems Research (Post 880717). 482pp. 52576:007-52577:128.
- 9002120313 NUREG/CR-4214 R01 PI HEALTH EFFECTS MODELS FOR NUCLEAR POWER PLANT ACCIDENT CONSEQUENCE ANALYSIS. Low LET Radiation. Part I: Introduction, Integration And Summary.  
EVANS, J.S. Harvard School of Public Health, Boston, MA. \* Sandia National Laboratories. FIN A-1415. SAND85-7185. 90/01/31. Division of Regulatory Applications (Post 870413). 133pp. 52597:294-52598:066.
- 9002120316 NUREG/IA-0013 RELAP5/MOD2 CALCULATION OF OECD-LOFT TEST LP-SB-03.  
HARWOOD, C., BROWN, G. United Kingdom, Govt. of. GD/PE-N/535. 90/01/31. Office of Nuclear Regulatory Research, Director (Post 860720). 48pp. 52611:083-52611:130.



- 9002120328 NUREG-1100 V06 BUDGET ESTIMATES.Fiscal Year 1991.  
\* Division of Budget & Analysis (Post 890205). 90/01/31. 208pp. 52610:231-52611:078.
- 9002120329 NUREG/CR-4731 V02 RESIDUAL LIFE ASSESSMENT OF MAJOR LIGHT WATER REACTOR COMPONENTS - OVERVIEW.  
SHAH,V.N. MACDONALD,P.E., AMAR,A.S. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN A-6389. EGG-2469. 89/11/30. Division of Engineering (Post 870413). 467pp. 52578:023-52579:129.
- 9002120335 NUREG-0020 V13 N11 LICENSED OPERATING REACTORS STATUS SUMMARY REPORT.Data As Of October 30,1989.(Gray Book I)  
LOVELACE,W.H. Division of Computer & Telecommunications Services (Post 890205). 90/01/31. 543pp. 52579:130-52580:312.
- 9002120341 NUREG/CR-5386 BASIS FOR SNUBBER AGING RESEARCH: NUCLEAR PLANT AGING RESEARCH PROGRAM.  
BROWN,D.P. Lake Engineering, Inc. PALMER,G.R. Wyle Laboratories. WERRY,E.V. Battelle Memorial Institute, Pacific Northwest Laboratory. PNL-6911. 90/01/31. Division of Engineering (Post 870413). 119pp. 52601:008-52601:126.
- 9002120344 NUREG/CR-5491 SHIPPINGPORT STATION AGING EVALUATION.  
ALLEN,R.P., JOHNSON,A.B. Battelle Memorial Institute, Pacific Northwest Laboratory. FIN B-2911. PNL-7191. 90/01/31. Division of Engineering (Post 870413). 143pp. 52577:240-52578:022.
- 9002120348 NUREG/CR-5477 AN EVALUATION OF THE RELIABILITY AND USEFULNESS OF EXTERNAL-INITIATOR PRA METHODOLOGIES.  
BUDNITZ,R.J., LAMBERT,H.E. Future Resources Associates, Inc. FIN D-2506. 90/01/31. Division of Systems Research (Post 880717). 111pp. 52577:129-52577:239.
- 9002130117 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Murkowski amend should not be weakened.  
RINALDI,L. Affiliation Not Assigned. 53FR21550 00036. 90/02/02. Docketing & Services Branch. 1p. 52617:348-52617:348.
- 9002130123 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Urges that safety criteria set forth in Murkowski amend,NUREG-0360,be made law.  
JOHNSON,J. Affiliation Not Assigned. 53FR21550 00035. 90/02/02. Docketing & Services Branch. 1p. 52617:353-52617:353.
- 9002130182 Forwards safety evaluation discussing programmatic improvements which will enhance util ability to develop & maintain consistently high quality emergency operating procedures.  
REEVES,E.A. Project Directorate II-1. TAC 44301. 90/02/05. HAIRSTON,W.G. Alabama Power Co. 2pp. 52646:153-52646:161.
- 9002130167 Safety evaluation re procedures generation package for plant.Package submitted in util 830729 & 870512 ltrs should be reviewed to address programmatic improvements outlined in Section 2 of evaluation.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). GL-82-33. 90/02/05. 7pp. 52646:155-52646:161.
- 9002130248 Provides listing of recommended guidelines for control of heavy loads,per NUREG-0612.Util should provide sufficient training,handling sys design,load handling instructions & equipment insp to assure reliable operation sys.  
HANNON,J.N. Project Directorate III-3. TAC 75162. 90/02/06. EVERS,K.H. Wisconsin Public Service Corp. 3pp. 52634:330-52634:332.
- 9002140068 Advises that generic fundamentals exam section of operator licensing exam will conform to listed guidelines & will be included in next rev to NUREG-1021,per Generic Ltr 89-17 & pilot test participant feedback.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. FRIZZLE,C.D. Maine Yankee Atomic Power Co. 8pp. 52650:352-52650:359.
- 9002140074 Informs that generic fundamentals exam section will conform to listed registration & exam process guidelines which will be included in next rev to NUREG-1021,In response to feedback received.Sampling plan encl.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 8pp. 52650:159-52650:166.
- 9002140093 Discusses generic fundamentals exam section,per Generic Ltr 89-17 re planned administrative changes to NRC operator licensing exam process.Listed registration & exam guidelines will be included in next rev of NUREG-1021.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. ROCHE,M.B. General Public Utilities Corp. - GPU Service Corp. 8pp. 52653:258-52653:265.
- 9002140108 Discusses generic fundamentals exam section of written operator licensing exam,per Generic Ltr 89-17.Section will consist of 100 multiple choice questions w/ passing score set at 80%.Sample plans & registration form encl.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. KEISER,H.W. Pennsylvania Power & Light Co. 8pp. 52655:165-52655:172.
- 9002140110 Informs that addendum to CRDR summary rept will be submitted 30 days after startup from current outage or approx 900530. Addendum will describe 10CFR50,App R mods outside control room.  
MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Utilities. B13442. 90/01/30. Document Control Branch (Document Control Desk). 2pp. 52688:110-52688:111.
- 9002140111 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. FERNANDEZ,W. New York Power Authority (formerly Power Authority of the State of New York). 8pp. 52653:141-52653:148.
- 9002140113 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. MCNEILL,C.A. Philadelphia Electric Co. 8pp. 52655:352-52655:359.
- 9002140118 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 8pp. 52655:344-52655:351.
- 9002140119 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 8pp. 52653:133-52653:140.
- 9002140121 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. FITZPATRICK,E. General Public Utilities Corp. - GPU Service Corp. 7pp. 52653:121-52653:127.
- 9002140122 Advises that generic fundamentals exam section of operator licensing exam will conform w/listed guidelines & will be included in next rev to NUREG-1021,per Generic Ltr 89-17 & pilot test participant feedback.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. BIRD,R.G. Boston Edison Co. 8pp. 52655:248-52655:255.
- 9002140123 Advises that util 890220 response to Generic Ltr 88-14, "Instrument Air Supply Sys Problems Affecting Safety-Related Equipment," acceptable.  
KINTNER,L.L. Project Directorate II-1. GL-88-14. 90/02/02. COTTLE,W.T. System Energy Resources, Inc. 3pp. 52651:250-52651:252.
- 9002140128 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. MECREY,R.C. Rochester Gas & Electric Corp. 8pp. 52653:113-52653:120.
- 9002140132 Advises that administration of generic fundamentals exam section of written operator licensing exam will conform to listed registration & exam process guidelines which will be included in next rev of NUREG-1021,per Generic Ltr 89-17.  
GALLO,R.M. Region 1, Ofc of the Director. GL-89-17. 90/01/24. RUSSELL,J. New York Power Authority (formerly Power Authority of the State of New York). 8pp. 52653:162-52653:169.
- 9002140138 Forwards Amend 26 to License NPF-73 & safety evaluation. Amend changes qualification requirements for independent safety evaluation group.  
TAM,P.S. Project Directorate I-4. TAC 74574. 90/02/05. SIEBER,J.D. Duquesne Light Co. 4pp. 52650:206-52650:216.
- 9002140142 Safety evaluation supporting Amend 26 to License NPF-73.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. 3pp. 52650:214-52650:216.
- 9002150136 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski amend (NUREG-0360).  
GAGNON,J.P., GAGNON,C.L. Affiliation Not Assigned. 53FR21550 00062. 90/02/04. NRC - No Detailed Affiliation Given. 1p. 52635:320-52635:320.
- 9002150142 Comment re proposed rule 10CFR71 concerning compatibility of Pu air transport regulations w/IAEA stds.Support for strict stds for casks which transport Pu urged.Adoption of Murkowski stds as min requirement requested.  
THOMAS,D. Affiliation Not Assigned. 53FR21550 00058. 90/02/03. Docketing & Services Branch. 1p. 52635:318-52635:318.
- 9002150146 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski amend (NUREG-0360).  
HENDRICKSON,M. Affiliation Not Assigned. 53FR21550 00063. 90/02/05. Docketing & Services Branch. 1p. 52635:319-52635:319.
- 9002150149 Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Approval of Sections 71.64,71.74 & 71.88 of proposed rule urged.  
SCHEUER,J.H. House of Rep. 53FR21550 00071. 90/02/08. CHILK,S.J. Office of the Secretary of the Commission. 4pp. 52635:314-52635:317.
- 9002150183 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports amend to NUREG-0360.  
KING,C. Affiliation Not Assigned. 53FR21550 00077. 90/02/09. Docketing & Services Branch. 1p. 52635:304-52635:304.
- 9002150189 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Murkowski amend (NUREG-0360) which sets forth reasonable min stds.  
MARIO,G.L. Affiliation Not Assigned. 53FR21550 00078. 90/02/06. Docketing & Services Branch. 1p. 52635:303-52635:303.
- 9002160224 Forwards EGG-NTA-8702, "Technical Evaluation Rept,TMI Action-NUREG-0737 (ILD.1) Relief & Safety Valve Testing." Rept indicates that util has met all ILD.1 requirements w/ exception of one open item.  
JABBOUR,K.N. Project Directorate II-3. FIN A-6492. TAC 65753. 90/02/05. TUCKER,H.B. Duke Power Co. 2pp. 52658:104-52658:140.
- 9001120312 EGG-NTA-8702 "Technical Evaluation Rept,TMI Action-NUREG-0737 (ILD.1) Relief & Safety Valve Testing,Catawba Nuclear Station,Units 1 & 2."  
FINEMAN,C.P., NALEZNY,C.L. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FINEMAN,C.P. Idaho National Engineering Laboratory. FIN A-6492. TAC 65753. 89/11/30. NRC - No Detailed Affiliation Given. 35pp. 52658:106-52658:140.
- 9002220001 Forwards safety evaluation,concluding that util procedures generation package needs to be reviewed to address programmatic improvements which will enhance ability to maintain high quality emergency operating procedures.  
DIANNI,D.C. Project Directorate III-1. TAC 44331. 90/02/14. PARKER,T.M. Northern States Power Co. 3pp. 52695:305-52695:322.
- 9002220002 Safety evaluation concluding that procedure generation package needs to be reviewed to address programmatic improvements which will enhance ability to develop & maintain high quality emergency operating procedures.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). GL-82-33. 90/02/14. 15pp. 52695:308-52695:322.
- 9002220047 Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
MURKOWSKI,F.H. Senate. 53FR21550 00100. 90/02/07. Docketing & Services Branch. 1p. 52668:049-52668:049.

## 202 NONDOCKETED ITEMS

**9002220081** Application for amend to License DPR-23, providing Tech Specs for reactor vessel level instrumentation sys & core exit thermocouples per NUREG-0737 & Generic Ltr 82-28.  
CUTTER, A.B. Carolina Power & Light Co. GL-82-28. 90/02/13. Document Control Branch (Document Control Desk). 4pp. 52674:347-52674:354.

**-9002220108** Proposed Tech Specs re reactor vessel level instrumentation sys & core exit thermocouples per NUREG-0737 & Generic Ltr 82-28.  
\* Carolina Power & Light Co. GL-82-28. 90/02/13. 4pp. 52674:351-52674:354.

**9002220181** Forwards safety evaluation re procedures generation package for plant & programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures.  
GLITTER, J.G. Project Directorate III-1. TAC 44295. 90/02/14. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52689:170-52689:185.

**-9002220185** Safety evaluation re procedures generation package for facility.  
\* NRC - No Detailed Affiliation Given. 90/02/14. 13pp. 52689:173-52689:185.

**9002220384** Forwards safety evaluation discussing programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures, in response to procedures generation package dtd 861230.  
PULSIFER, R.M. Project Directorate III-1. TAC 44283. 90/02/14. BERRY, K.W. Consumers Power Co. 3pp. 52673:081-52673:093.

**-9002220440** SER concluding that procedures generation package dtd 861230 should be reviewed to address programmatic improvements to flowchart format & logic terms in writers guide.  
\* NRC - No Detailed Affiliation Given. GL-82-33. 90/02/14. 10pp. 52673:084-52673:093.

**9002220578** Forwards safety evaluation concluding that procedures generation package submitted by 830630 & 850911 ltrs should be reviewed to address programmatic improvements outlined in evaluation.  
LABARGE, D.E. Project Directorate I-1. TAC 44302. 90/02/13. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 52696:259-52696:271.

**-9002220580** Safety evaluation concluding that procedures generation package should be revised to address items listed in evaluation, to adequately address requirements of Generic Ltr 82-33 & accomplish objectives in NUREG-0899.  
\* NRC - No Detailed Affiliation Given. GL-82-33. 90/02/13. 10pp. 52696:262-52696:271.

**9002220671** Forwards safety evaluation concluding that review of procedures generation package submitted by 840629, 0822 & 880331 ltrs to address programmatic improvements necessary. Consideration of Insp Rept 50-298/88-200 results suggested.  
O'CONNOR, P.W. Project Directorate IV. TAC 44291. 90/02/14. TREVORS, G.A. Nebraska Public Power District. 3pp. 52696:242-52696:258.

**-9002220672** Safety evaluation concluding that procedures generation package submitted by 840629, 0822 & 880331 ltrs should be reviewed to address programmatic improvements outlined in evaluation.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). GL-82-33. 90/02/14. 14pp. 52696:245-52696:258.

**9002220683** FOIA request for NUREG/BR-0133, chronologic listing of all events re radioactive scrap steel & color diagram of items containing radioactive materials routinely issued to scrap dealers.  
O'CONNOR, D.J. Marsh & McLennan, Inc. 90/02/06. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52688:060-52688:061.

**9002220694** Final response to FOIA request for records. App A records encl & available in PDR. NUREG/BR-0133 & BR-0108 available for purchase through Govt Printing Ofc.  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/16. O'CONNOR, D.J. Marsh & McLennan, Inc. 2pp. 52688:062-52688:063.

**9002230153** NUREG/BR-0056 V06 N1 ITS NEWS, Winter 1990, Vol 6, Number 1.  
\* Information Technology Services Branch. 90/02/01. 16pp. 52747:310-52747:325.

**9002230289** Advises that Commission has no objection to proposed issuance of rept to Congress on AOs for Jul-Sept 1989.  
CHILK, S.J. Office of the Secretary of the Commission. 90/01/19. TAYLOR, J.M. Ofc of the Executive Director for Operations. 16pp. 52701:295-52701:310.

### ORG CORRESPONDENCE WITH OTHER ORGANIZATIONS

**9001230126** NRC Info Notice 90-005, "Inter-System Discharge of Reactor Coolant." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:125-52535:227.

**9001230175** NRC Info Notice 90-006, "Potential for Loss of Shutdown Cooling While at Low Reactor Coolant Levels." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). GL-88-17. 90/01/29. Consolidated Edison Co. of New York, Inc. 101pp. 52535:025-52535:124.

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001250020** Suppl 2 to NRC Info Notice 88-023, "Potential for Gas Blinding of HPSI Pumps During LOCA." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/01/31. Consolidated Edison Co. of New York, Inc. 95pp. 52533:329-52534:062.

**9001260198** NRC Info Notice 90-008, "Kr-85 Hazards From Decayed Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/01. Consolidated Edison Co. of New York, Inc. 77pp. 52583:180-52583:256.

**9001290102** Suppl 1 to NRC Info Notice 88-030, "Target Rock Two-Stage Safety/Relief Valve Setpoint Drift Update." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-82-41. 90/02/02. Consolidated Edison Co. of New York, Inc. 78pp. 52556:238-52556:317.

**9001290227** Forwards "Performance Indicators for Operating Commercial Nuclear Power Reactors: Data Through Sept 1989, Parts I & II."  
HICKMAN, D.E. Office for Analysis & Evaluation of Operational Data, Director. 90/01/22. SKOCZLAS, J.A. Document Control Branch (Document Control Desk). 1p. 52452:001-52453:174.

**-9001290232** "Performance Indicators for Operating Commercial Nuclear Power Reactors: Data Through Sept 1989, Parts I & II."  
\* Office for Analysis & Evaluation of Operational Data, Director. 89/09/30. 532pp. 52452:002-52453:174.

**9001300424** NRC Info Notice 90-009, "Extended Interim Storage of Low Level Radwaste by Fuel Cycle & Matis Licensees." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). GL-81-38. 90/02/05. Consolidated Edison Co. of New York, Inc. 108pp. 52583:257-52584:004.

**9001310148** Summary of Operating Reactors Events Meeting 90-001 on 900117. On 900116, loss of offsite power & multiple equipment failures occurred at Dresden Unit 2. Caused by failure of reserve auxiliary transformer. Feedwater pump restarted.  
HAUGHNEY, C.J. Events Assessment Branch. OREM-90-001. 90/01/19. ROSSI, C.E. Events Assessment Branch. 15pp. 52531:047-52531:061.

**9001310192** Forwards final "Radiological Emergency Preparedness Exercise Rept." Several areas requiring corrective action & areas recommended for improvement identified in exercise.  
KWIATKOWSKI, D. Federal Emergency Management Agency. 90/01/12. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp. 52513:265-52514:006.

**-9001310203** Final "Radiological Emergency Preparedness Exercise Rept." on 890725-26.  
\* Federal Emergency Management Agency. 89/12/15. 99pp. 52799:004-52799:103.

**9002010160** Forwards "Exercise Evaluation of Implementation of State & Local Radiological Emergency Response Plans Conducted 891011 for Callaway Nuclear Power Plant." Four cited deficiencies remedied.  
KWIATKOWSKI, D. Federal Emergency Management Agency. 90/01/22. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 1p. 52522:329-52523:045.

**-9002010161** "Exercise Evaluation of Implementation of State & Local Radiological Emergency Response Plans Conducted 891011 for Callaway Nuclear Power Plant."  
\* Federal Emergency Management Agency. 89/12/11. 77pp. 52522:330-52523:045.

**9002020022** Forwards corrected Pages II-10, II-11 & II-13 to DOE/OSTI-8200, per 900105 request. New project list page containing data on planned Arkansas Tech Univ research reactor also encl.  
MICHAELS, T.S. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/25. SIMPSON, W.F. Energy, Dept. of. 6pp. 52533:151-52533:156.

**9002020090** Forwards biweekly notice of applications & amends to OLs involving NSHC, published in FR on 900110. W/o encl.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/01/25. BREAU, J.B. Senate, Environment & Public Works. UDALL, M.K. House of Rep., Interior & Insular Affairs. SHARP, P.R. House of Rep., Energy & Commerce. 2pp. 52539:284-52539:285.

**9002050041** Responds to 891211 ltr re Dunlap & Assoc, Inc late proposal in response to Solicitation RS-RES-90-053. Dunlap proposal will be evaluated w/other timely proposals due to delay of mail from NRC mail room.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. CCS. 90/01/09. DODD, C.J. Senate. 3pp. 52547:105-52547:112.

**-9002050044** Requests review of encl E Bishop 891211 ltr re Dunlap & Assoc, Inc proposal for Solicitation RS-RES-90-053 being considered as late submission. Proposal received on time but not delivered to contracting officer by NRC personnel.  
DODD, C.J. Senate. CCS. 89/12/11. RATHBUN, D. Congressional Affairs. 5pp. 52547:108-52547:112.

**9002060014** Forwards "Duane Arnold Energy Ctr Site Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys QA Verification." Rept summarizes engineering design sys. Sys adequate in event of radiological emergency at site.  
PETERSON, G.C. Federal Emergency Management Agency. 90/01/16. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 52558:068-52558:345.

**-9002060016** "Duane Arnold Energy Ctr Site Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys QA Verification."  
\* Federal Emergency Management Agency. 89/09/14. 277pp. 52558:069-52558:345.

**9002070096** Summary of Operating Reactors Events Meeting 90-002 on 900124. List of attendees encl.  
HAUGHNEY, C.J. Events Assessment Branch. OREM-90-002. 90/01/25. ROSSI, C.E. Events Assessment Branch. 14pp. 52612:287-52612:300.

**9002070246** Request for OMB review & supporting statement re 10CFR75, "Safeguards on Nuclear Matl-Implementation of US/IAEA Agreement." Estimated respondent burden is 204 h.  
AMENTA, J. Office of Information Resources Management (Post 890205). OMB 3150-0055. 90/01/30. 11pp. 52598:209-52598:219.

**9002080076** OIG 89A-9 "Review of NRC Activities Re Low Level Waste Disposal."  
\* Office of Inspector General (Post 890417). 90/01/31. 21pp. 52609:095-52609:115.

**9002080184** Forwards FEMA final exercise evaluation of plant joint offsite emergency preparedness exercise conducted on 890914. Areas requiring corrective actions re offsite emergency plans noted & will remain under approval of 44CFR350.  
GREGER, L.R. Region 3, Ofc of the Director. 90/01/25. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52608:089-52608:195.

**9002080202** Submits proposed procedure upgrade guidance re issue of procedural non-compliance & impact on plant safety in nuclear industry, discussed at 900105 meeting. HAWKINS, F.C. Performance & Quality Evaluation Branch (Post 890101). SHANKMAN, S.F. Human Factors Assessment Branch. 90/01/18. ROE, J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 3pp. 52593:167-52593:169.

**9002080271** Forwards "Unannounced Drill Evaluation of Implementation of State & Local Radiological Emergency Response Plans." No inadequacies identified during drill participated in by Benton & Linn Counties of State of IA. KWIATKOWSKI, D. Federal Emergency Management Agency. 90/01/22. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 1p. 52588:167-52588:183.

**9002080274** "Unannounced Drill Evaluation of Implementation of State & Local Radiological Emergency Response Plans."  
\* Federal Emergency Management Agency. 90/01/08. 16pp. 52588:168-52588:183.

**9002130161** Discusses sample evaluations of airborne releases by NRC matl licensees & forwards list of furnished relevant matl licensing guidance & regulatory guides. GLENN, J.E. Medical, Academic & Commercial Use Safety Branch. 90/02/06. BOYLE, R. Regulatory Branch. 22pp. 52653:030-52653:061.

**9002140171** Advises that no domestic road shipment of spent fuel by NRC licensees made between Oct-Dec 1989. MACDONALD, C.E. Transportation Branch. 90/01/31. ROBERTS, A.I. Transportation, Dept. of. 1p. 52651:358-52651:358.

**9002150103** Notice of filing. \* Submits two repts updating matls included in FEMA Dec 1988 consolidated finding on plant. Certificate of Svc encl. FLYNN, H.J. Federal Emergency Management Agency. #190 9829. OL. 90/02/09. 162pp. 52606:063-52606:224.

**9002150308** Forwards AEOD/E90-01, "Failures of Electrical Supply & Power Generation Equipment Which Disrupted Plant Function at Nuclear Power Plants." Issues addressed in rept concern disruptions of auxiliary alternating ac power supply. WEGNER, M.S. Reactor Operations Analysis Branch. AEOD/E90-01. 90/02/07. ROSENTHAL, J.E. Reactor Operations Analysis Branch. 2pp. 52656:012-52656:032.

**9002150312** AEOD Rept AEOD/E90-01, "Failures of Electrical Supply & Power Generation Equipment which Disrupted Plant Function at Nuclear Power Plants."  
WEGNER, M. Office for Analysis & Evaluation of Operational Data, Director. 90/02/28. 19pp. 52656:014-52656:032.

**9002160054** Advises that NRC received encl FEMA 891004 ltr & associated FEMA Region V rept for 881019 radiological emergency drill. No deficiencies noted. Item of lesser significance corrected. GREGER, L.R. Region 3, Ofc of the Director. 90/01/10. LARSON, C.E. Northern States Power Co. 2pp. 52678:085-52678:095.

**9002160084** Forwards US Bankruptcy Court for Eastern District of Tennessee orders & memorandum on debtors motion to alter or amend order & opinion re status of sales agreement between DOE & AlchemiE. DOE believes agreement expired on 890821. HALL, J.C. Energy, Dept. of. 90/02/08. SWIFT, J.J. NRC - No Detailed Affiliation Given. 16pp. 52670:018-52670:033.

**9002220127** Responds to 891213 request for review of encl draft FEMA circulars re Continuity of Govt Program. NRC unaware of any change in Continuity of Govt Program that would warrant designation as Category I agency. CARR, K.M. Commissioners. 90/02/05. MORRIS, R.H. Federal Emergency Management Agency. 23pp. 52688:288-52688:310.

**9002220136** Summary of 900111 meeting w/INPO re accreditation & industry shift supervisor project. SHANKMAN, S.F. Human Factors Assessment Branch. 90/02/06. ROE, J.W. Division of Licensee Performance & Quality Evaluation (Post 870411). 1p. 52696:092-52696:092.

**9002220248** Forwards FEMA joint exercise rept of 880518 joint offsite emergency preparedness exercise. Identified deficiencies were corrected & demonstrated during 881103 remedial exercise. GREGER, L.R. Region 3, Ofc of the Director. 90/02/06. SYLVIA, B.R. Detroit Edison Co. 2pp. 52674:239-52674:323.

**9002220300** Forwards FEMA 891221 ltr transmitting findings for offsite emergency preparedness aspects of 881207 remedial exercise & 890124 unannounced drill. No new deficiencies noted. Offsite radiological emergency preparedness adequate. GREGER, L.R. Region 3, Ofc of the Director. 90/02/06. REED, C. Commonwealth Edison Co. 2pp. 52689:001-52689:012.

## PR PROPOSED RULE

**9002010008** Comment opposing proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." Consideration of incinerator amend requires much more prof time than that required for changing possession limit. LECHNIR, R. Dorse & Schroeder Associates, Ltd. LECHNIR, R. Affiliation Not Assigned. 54FR49763 00012. 90/01/22. Docketing & Services Branch. 1p. 52475:084-52475:084.

**9002010012** Comment re proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." Requests that application fees in less than stated amount range be deleted since fee adds unnecessary cost to NRC & licensees. WINSLOW, T.P. General Electric Co. 54FR49763 00013. 90/01/22. Docketing & Services Branch. 2pp. 52475:080-52475:081.

**9002010024** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." Endorses reimposition of fee ceiling for NRC reviews of topical repts. MALODY, C.W. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.). 54FR49763 00015. 90/01/17. Docketing & Services Branch. 2pp. 52475:082-52475:083.

**9002010071** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." Each invoice in stated amount or more should be accompanied by specific payment instructions. MORRIS, K.J. Omaha Public Power District. 54FR49763 00014. 90/01/24. Docketing & Services Branch. 1p. 52475:079-52475:079.

**9002050117** Responds to EE Eigabroadt 891013 ltr re licensing of nuclear power plants, per CL Bach 891219 request. New regulations provide for certification of stand-ardized nuclear power plant designs before const sites chosen. RATHBUN, D.K. Congressional Affairs. CCS. 90/01/11. GORTON, S. Senate. 3pp. 52547:131-52547:139.

**9002050120** Forwards author 891219 ltr to Senator S Gorton re nuclear power development, for further response. BACH, C.L. Federal Energy Regulatory Commission. CCS. 89/12/19. BRADBURN, J.C. Congressional Affairs. 6pp. 52547:134-52547:139.

**9002080148** Comment supporting proposed rule 10CFR2 re App C policy & procedures for enforcement actions. Endorses sound actions to further improve maint activities on nuclear plants. TAYLOR, J.H. Babcock & Wilcox Co. 54FR50610 00005. 90/02/05. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52563:001-52563:002.

**9002080169** Comment supporting proposed rule 10CFR2 re comments filed by NUMARC opposing increase in base civil penalty up to 50% in cases where cause of maint-related violation at power reactor is programmatic failure. REYNOLDS, N.S. Bishop, Cook, Purcell & Reynolds. 54FR50610 00006. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. 8pp. 52567:117-52567:124.

**9002080170** Comment supporting proposed rule 10CFR34 re recognition of ASNT certification of radiographers as alternative to training & qualification activities. ROSIER, G.A. Cheme Contracting Corp. 54FR47089 00032. 90/01/29. Docketing & Services Branch. 2pp. 52567:110-52567:111.

**9002080171** Comment on proposed rule 10CFR34, "ASNT Certification of Industrial Radiographers." Util agrees w/rule as written but does not concur w/proposed requirement for third party certification of radiographers. MCBURNETT, M.A. Houston Lighting & Power Co. 54FR47089 00028. 90/01/30. Docketing & Services Branch. 1p. 52567:125-52567:125.

**9002080179** Comment on proposed rule 10CFR2 re App C policy & procedures for enforcement actions, policy statement. Util does not believe licensees will understand requirements in sufficient detail to take required action to avoid sanctions. Southern California Edison Co. 54FR50610 00002. 90/02/05. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52567:126-52567:127.

**9002080193** Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions for maint-related violations. Addition of enforcement policy re increasing civil penalty for programmatic maint problems inappropriate & unnecessary. SYLVIA, B.R. Detroit Edison Co. 54FR50610 00001. 90/02/02. Docketing & Services Branch. 2pp. 52567:105-52567:106.

**9002080194** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." w/listed improvements. GODWIN, A.V. Alabama, State of. 54FR49763 00026. 90/01/30. Docketing & Services Branch. 1p. 52567:128-52567:128.

**9002080200** Comment on proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." Commission should not limit means of payment to electronic funds transfer only. TUCKER, H.B. Duke Power Co. 54FR49763 00024. 90/01/29. Docketing & Services Branch. 1p. 52567:129-52567:129.

**9002080207** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiolotope Licenses & Topical Repts." Electronic transfers not justified for sums less than \$100,000. BOOKER, J.E. Gulf States Utilities Co. 54FR49763 00019. 90/01/25. Office of the Secretary of the Commission. 1p. 52567:130-52567:130.

**9002080209** Comment opposing proposed rule 10CFR170, "Rev of FY90 Fee Schedules: Radiolotope Licenses & Topical Repts." MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 54FR49763 00020. 90/01/31. Docketing & Services Branch. 3pp. 52567:131-52567:133.

**9002080212** Comment opposing proposed rule 10CFR34 re certification of industrial radiographers by ASNT. HALE, A.A. American Airlines, Inc. HALE, A.A. Affiliation Not Assigned. 54FR47089 00029. 90/01/15. Docketing & Services Branch. 7pp. 52567:134-52567:140.

**9002080217** Comment on proposed rule 10CFR34, "ASNT Certification of Industrial Radiographers." Rule falls short of what may be needed to increase radiation safety in industry. Concur w/State of TX position. DICUS, G.J. Arkansas, State of. 54FR47089 00027. 90/01/22. Docketing & Services Branch. 2pp. 52567:141-52567:142.

**9002080224** Comment on proposed rule 10CFR34 re certification program for industrial radiography radiation safety personnel. Certification will cause more problems than are solved. Possibility exists for abuse & misuse of regulations. JUNEAU, B. Global X-Ray & Testing Corp. 54FR47089 00026. 90/01/26. Docketing & Services Branch. 3pp. 52567:143-52567:145.

**9002080232** Comment opposing proposed rule 10CFR2 re mod to enforcement policy allowing escalation in civil penalties for violations of NRC requirements where root cause involves programmatic maint-related implications. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 54FR50610 00004. 90/02/05. Docketing & Services Branch. 3pp. 52567:101-52567:103.

**9002080238** Comment urging adoption of criteria for air shipment of Pu included in Sections 71.64, 71.74 & 71.88 of proposed rule, "Transportation Regulations; Compatibility W/IAEA." Criteria will give force of law to US stds for Pu air transport. LEVENTHAL, P., TANZER, S. Nuclear Control Institute. 53FR21550 00030. 90/01/29. Docketing & Services Branch. 6pp. 52567:146-52567:151.

**9002080242** Comment supporting proposed rule 10CFR50, "Stabilization & Decontamination Priority, Trusteeship Provisions & Amount of Property Insurance Requirements." FISICARO, J.J. Arkansas Power & Light Co. 54FR46624 00008. 90/01/15. CHILK, S.J. Office of the Secretary of the Commission. 6pp. 52567:152-52567:156.

## 204 NONDOCKETED ITEMS

- 9002080247** Comments on proposed rule 10CFR71 re compatibility of transportation regulations w/IAEA. Concurs w/proposed rule re transportation regulations w/exception of proposed requirements for low-specific-activity matl.  
BOOKER, J.E. Gulf States Utilities Co. 53FR21550 00029. 90/01/24. Docketing & Services Branch. 2pp. 52567:157-52567:158.
- 9002080250** Comment on proposed rule 10CFR34 re central certification of radiographers & supports standardized radiation safety program. Program will save applicants money & time when submitting request for license.  
JOFFE, T. MQS Inspection, Inc. (formerly Magnaflux Corp.). JOFFE, T. Affiliation Not Assigned. 54FR47089 00034. 90/01/29. Docketing & Services Branch. 3pp. 52567:098-52567:100.
- 9002080251** Comment on proposed rule 10CFR34 re central certification of radiographers. Author disagrees w/certification of radiographers either by regulatory agencies or by central agency.  
DORAN, H.V. MQS Inspection, Inc. (formerly Magnaflux Corp.). DORAN, H.V. Affiliation Not Assigned. 54FR47089 00033. 90/02/02. Docketing & Services Branch. 3pp. 52567:107-52567:109.
- 9002080252** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts." Proposed rev should include provisions to retroactively apply review fee ceiling to beginning of 1989.  
STERLING, E.C. Combustion Engineering, Inc. 54FR49763 00022. 90/01/26. Docketing & Services Branch. 1p. 52567:097-52567:097.
- 9002080253** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts." Favors proposed ceiling for topical rept review fees & recommends adoption.  
SCHERER, A.E. Combustion Engineering, Inc. 54FR49763 00027. 90/01/25. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52567:104-52567:104.
- 9002080256** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers.  
MOSS, J.C. Tulsa Gamma Ray, Inc. 54FR47089 00025. 90/01/26. Docketing & Services Branch. 1p. 52567:159-52567:159.
- 9002080257** Comment on proposed rule 10CFR71 re keeping Alaska Pu free.  
PEARSON, J.B. Affiliation Not Assigned. 53FR21550 00032. 90/02/02. Docketing & Services Branch. 1p. 52567:160-52567:160.
- 9002080261** Comment on proposed rule 10CFR34 re training, testing & certification for radiographers. Industry should have choice of using Texas agency or ASNT.  
MALEK, F. Frank Malek & Associates. 54FR47089 00024. 90/01/21. Docketing & Services Branch. 1p. 52567:161-52567:161.
- 9002080263** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts."  
FLOYD, S.D. BWR Owners Group. 54FR49763 00023. 90/01/26. Docketing & Services Branch. 1p. 52567:162-52567:162.
- 9002080265** Comment opposing proposed amendments to 10CFR35, "Basic QA Program, Records & Repts of Misadministrations or Events re Medical Use of Byproduct Matl." NRC should devote resources to productive interactions w/state boards of medicine.  
PONTON, J.A. Iowa, Univ. of, Iowa City, IA. 55FR01439 00001. 90/01/30. Docketing & Services Branch. 3pp. 52567:094-52567:096.
- 9002080267** Comment on proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts." Requests that fees charged for review of topical repts & GNSI casar task topical SAR be limited to fee schedule values.  
RYAN, M.T. Chem-Nuclear Systems, Inc. 54FR49763 00016. 90/01/30. Docketing & Services Branch. 2pp. 52563:004-52563:007.
- 9002080282** Requests relief re changes to NRC charges for review of topical repts for cement solidification waste forms & cask licensing topical. Fees NRC charges should be limited to fee schedule values under which topical repts submitted.  
RYAN, M.T. Chem-Nuclear Systems, Inc. RA-0533-9. 89/10/09. HOLLOWAY, J. Division of Accounting & Finance (Post 890205). 2pp. 52563:006-52563:007.
- 9002080272** Comment re proposed rule 10CFR71. Concurs w/F Murkowski amend to NUREG-0630 which establishes reasonable min stds for Pu air transport flights through US airspace & opposes DOE attempts to undermine stds.  
PROCTER, K.M. Affiliation Not Assigned. 53FR21550 00031. 90/02/02. Docketing & Services Branch. 1p. 52567:163-52567:163.
- 9002080275** Comment on proposed rule 10CFR34 re effectiveness of third party industrial radiography certification program. Undue emphasis being placed on safety exam as means to achieve goal of improved radiation safety.  
LACKER, D.K. Texas, State of. 54FR47089 00023. 90/01/09. NRC - No Detailed Affiliation Given. 3pp. 52567:164-52567:166.
- 9002080284** Comment on proposed rule 10CFR34 re third party certification for industrial radiographers. ASNT would not necessarily be only third party organization that could be recognized for training industrial radiographers.  
PARIS, R.D. Oregon, State of. 54FR47089 00022. 90/01/17. Docketing & Services Branch. 1p. 52567:169-52567:169.
- 9002080291** Comment opposing proposed rule 10CFR2 re revs to policy & procedure for enforcement actions. Present circumstances does not justify Commission amending policy to add addl civil penalty adjustment factor for maint violations.  
CARP, A.V. Duke Power Co. 54FR50610 00007. 90/02/05. CHILK, S.J. Office of the Secretary of the Commission. 3pp. 52567:114-52567:116.
- 9002080295** Comment supporting proposed rule 10CFR71 re NUREG-0360. No need for weakening controls exists.  
SPARROW, J. Affiliation Not Assigned. 53FR21550 00033. 90/02/02. NRC - No Detailed Affiliation Given. 1p. 52567:170-52567:170.
- 9002080298** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts."  
COLVIN, J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 54FR49763 00017. 90/01/30. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52563:008-52563:009.
- 9002080301** Comment opposing proposed rule 10CFR34 re central certification of radiographers. Recommends more unscheduled audits by NRC, difficulty in getting NRC license, more enforcement & mandatory use of two man crews.  
FALCON, R.C. MQS Inspection, Inc. (formerly Magnaflux Corp.). FALCON, R.C. Affiliation Not Assigned. 54FR47089 00035. 90/02/02. Docketing & Services Branch. 2pp. 52567:112-52567:113.
- 9002080303** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts."  
HUNGER, G.A. Philadelphia Electric Co. 54FR49763 00025. 90/01/29. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52563:003-52563:003.
- 9002080305** Comment opposing proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts."  
MEEKINS, J.D. Computalog Wireline Services, Inc. 54FR49763 00021. 90/01/29. Docketing & Services Branch. 2pp. 52567:173-52567:174.
- 9002080306** Comment opposing proposed rule 10CFR2 re App C policy & procedures for enforcement actions. Policy misdirects emphasis to maint deficiencies to detriment of other areas of equal or greater concern in safe operation.  
COLVIN, J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 54FR50610 00003. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. 3pp. 52567:175-52567:177.
- 9002080309** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers.  
BANFIELD, E.L. MQS Inspection, Inc. (formerly Magnaflux Corp.). 54FR47089 00030. 90/01/30. Docketing & Services Branch. 1p. 52567:178-52567:178.
- 9002080315** Comment on proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts." Higher fees made necessary to support industrial radiography insp program can be accepted, but excessive insps must be prevented.  
HALE, A.A. American Airlines, Inc. 54FR49763 00028. 90/01/16. Docketing & Services Branch. 13pp. 52563:010-52563:022.
- 9002080319** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules: Radiosotope Licenses & Topical Repts."  
TEER, B.R. Transnuclear, Inc. 54FR49763 00018. 90/01/29. Docketing & Services Branch. 3pp. 52563:023-52563:025.
- 9002130046** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds & requests use of Murkowski amend stds for airlift requirements of Pu.  
REDMAN, L. Affiliation Not Assigned. 53FR21550 00055. 90/02/07. Docketing & Services Branch. 1p. 52617:338-52617:338.
- 9002130060** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds & suggests that Murkowski stds be maintained.  
O'LEARY, T. Affiliation Not Assigned. 53FR21550 00056. 90/02/08. Docketing & Services Branch. 1p. 52617:339-52617:339.
- 9002130061** Comment supporting proposed rule 10CFR2 re policy & procedures for enforcement actions.  
HAIRSTON, W.G. Alabama Power Co. 54FR50610 00008. 90/02/05. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52617:340-52617:340.
- 9002130075** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
TYLER, R.W. Affiliation Not Assigned. 53FR21550 00057. 90/02/06. Docketing & Services Branch. 1p. 52617:341-52617:341.
- 9002130076** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports Senator Murkowski amend.  
SPECHT, D. Homer Boat Watch. SPECHT, D. Affiliation Not Assigned. 53FR21550 00048. 90/02/07. NRC - No Detailed Affiliation Given. 1p. 52617:342-52617:342.
- 9002130088** Comment on proposed rule 10CFR71 re air transportation regulations for Pu. Opposes low stds for Pu air transport flights through US airspace as set by IAEA.  
ARNDT, S. Affiliation Not Assigned. 53FR21550 00039. 90/02/07. Docketing & Services Branch. 1p. 52617:343-52617:343.
- 9002130093** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Supports Senator Murkowski language on issue.  
HIGHLAND, R., ARCHIBALD, R. Affiliation Not Assigned. 53FR21550 00038. 89/02/07. Docketing & Services Branch. 2pp. 52617:344-52617:345.
- 9002130094** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Suggests retention of Murkowski stds.  
SOUNDERS, P.J. Affiliation Not Assigned. 53FR21550 00037. 90/02/02. Docketing & Services Branch. 1p. 52617:346-52617:346.
- 9002130102** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. Proposal misleading by not adequately describing ramifications of program.  
MUNRO, J.J. RTS Technology, Inc. 54FR47089 00037. 90/01/31. Office of the Secretary of the Commission. 4pp. 52617:349-52617:352.
- 9002130111** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Urges adoption of stds passed in Murkowski amend.  
SPECHT, R. Affiliation Not Assigned. 53FR21550 00040. 90/02/06. Docketing & Services Branch. 1p. 52617:347-52617:347.
- 9002130117** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Murkowski amend should not be weakened.  
RINALDI, L. Affiliation Not Assigned. 53FR21550 00036. 90/02/02. Docketing & Services Branch. 1p. 52617:348-52617:348.
- 9002130123** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Urges that safety criteria set forth in Murkowski amend, NUREG-0360, be made law.  
JOHNSON, J. Affiliation Not Assigned. 53FR21550 00035. 90/02/02. Docketing & Services Branch. 1p. 52617:353-52617:353.



**9002130128** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski amend.IAEA stds would be totally inadequate.  
GREGORY,A. Affiliation Not Assigned. 53FR21550 00041. 90/02/07. Docketing & Services Branch. 1p. 52617:354-52617:354.

**9002130133** Comment on proposed rule 10CFR2 re policy & procedures for enforcement actions:policy statement.Until uncertain as to whether changes necessary.  
HUNGER,G.A. Philadelphia Electric Co. 54FR50610 00011. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52617:355-52617:356.

**9002130144** Comment on proposed rule 10CFR34 re certification of radiographers.Third party certification of all radiographers goes considerably beyond concerns & would cause disruption within NDT programs of organization members.  
COLLIER,D. Air Transport Association. 54FR47089 00038. 90/02/02. Docketing & Services Branch. 13pp. 52627:194-52627:227.

**-9002130152** "Guidelines for Training & Qualifying Personnel in NDT Methods," Air Transportation Assoc Spec 105.  
\* Air Transport Association. 54FR47089. 90/01/15. 21pp. 52627:207-52627:227.

**9002130157** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Murkowski amend to Pu transport regulations.  
JONES,G.J. Affiliation Not Assigned. 53FR21550 00047. 90/02/08. Docketing & Services Branch. 1p. 52627:228-52627:228.

**9002130164** Comment on proposed rule 10CFR34 re industrial radiography program.ASNT would have serious conflict of interest,as organization already established in same business.  
CULBERTSON,D.L. Tenneco, Inc. 54FR47089 00036. 90/02/05. Docketing & Services Branch. 3pp. 52627:229-52627:231.

**9002130168** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Suggests not to substitute weak stds of IAEA for real protection.  
RODERICK,J.T. Affiliation Not Assigned. 53FR21550 00034. 90/02/07. Docketing & Services Branch. 1p. 52627:232-52627:232.

**9002130174** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
CESARINI,J. Affiliation Not Assigned. 53FR21550 00051. 90/02/07. NRC - No Detailed Affiliation Given. 1p. 52627:233-52627:233.

**9002130177** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
GIBSON,C. Affiliation Not Assigned. 53FR21550 00042. 90/02/06. NRC - No Detailed Affiliation Given. 1p. 52627:241-52627:241.

**9002130183** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds & requests that comments be forwarded to Docketing & Svcs Branch of NRC & Murkowski before closing date of 900209.  
\* Affiliation Not Assigned. 53FR21550 00052. 90/02/07. NRC - No Detailed Affiliation Given. 1p. 52627:234-52627:234.

**9002130188** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
BALKUS,M.E. Affiliation Not Assigned. 53FR21550 00044. 90/02/07. Docketing & Services Branch. 1p. 52627:240-52627:240.

**9002130190** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Endorses strict & most stringent stds available to ensure protection.  
HILLSTRAND,J.J. Oil Reform Alliance. HILLSTRAND,N.J. Affiliation Not Assigned. 53FR21550 00053. 90/02/08. EMILE NRC - No Detailed Affiliation Given. 1p. 52617:337-52617:337.

**9002130195** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
DE HAAN,N. Affiliation Not Assigned. 53FR21550 00046. 90/02/07. Docketing & Services Branch. 1p. 52627:239-52627:239.

**9002130196** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
RIPLEY,L. Affiliation Not Assigned. 53FR21550 00054. 90/02/08. NRC - No Detailed Affiliation Given. 1p. 52627:235-52627:235.

**9002130199** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
SCHOFIELD,J. Kachemak Bay Citizen's Coalition. SCHOFIELD,J. Kachemak Heritage Land Trust. SCHOFIELD,J. Affiliation Not Assigned. 53FR21550 00045. 90/02/07. Docketing & Services Branch. 1p. 52627:238-52627:238.

**9002130205** Comment opposing proposed rule 10CFR2 re mod to general statement of policy & procedure for NRC enforcement actions. NRC has not demonstrated need for mod.  
O'NEIL,J.H. Shaw, Pittman, Potts & Trowbridge. 54FR50610 00010. 90/02/06. Docketing & Services Branch. 5pp. 52617:357-52617:361.

**9002130208** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
GREVE,F.W. Affiliation Not Assigned. 53FR21550 00050. 90/02/07. NRC - No Detailed Affiliation Given. 1p. 52627:236-52627:236.

**9002130212** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Murkowski amend & std re Pu transportation over State of AK.  
FARRAW,D. Affiliation Not Assigned. 53FR21550 00049. 90/02/07. NRC - No Detailed Affiliation Given. 1p. 52627:237-52627:237.

**9002140250** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
DOYLE,M. Affiliation Not Assigned. 53FR21550 00043. 90/02/07. Docketing & Services Branch. 1p. 52635:248-52635:248.

**9002150136** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski amend (NUREG-0360).  
GAGNON,J.P. GAGNON,C.L. Affiliation Not Assigned. 53FR21550 00062. 90/02/04. NRC - No Detailed Affiliation Given. 1p. 52635:320-52635:320.

**9002150142** Comment re proposed rule 10CFR71 concerning compatibility of Pu air transport regulations w/IAEA stds.Support for strict stds for casks which transport Pu urged.Adoption of Murkowski stds as min requirement requested.  
THOMAS,D. Affiliation Not Assigned. 53FR21550 00058. 90/02/03. Docketing & Services Branch. 1p. 52635:318-52635:318.

**9002150146** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski amend (NUREG-0360).  
HENDRICKSON,M. Affiliation Not Assigned. 53FR21550 00063. 90/02/05. Docketing & Services Branch. 1p. 52635:319-52635:319.

**9002150149** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Approval of Sections 71.64,71.74 & 71.88 of proposed rule urged.  
SCHEUER,J.H. House of Rep. 53FR21550 00071. 90/02/08. CHILK,S.J. Office of the Secretary of the Commission. 4pp. 52635:314-52635:317.

**9002150152** Comment regarding proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Doubt that casks would not rupture during plane crash expressed.Keeping of Pu out of airspace urged.  
ANTISDEL,J., ANTISDEL,S. Affiliation Not Assigned. 53FR21550 00061. 90/02/08. Docketing & Services Branch. 1p. 52635:313-52635:313.

**9002150154** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900209.  
HAIRSTON,W.G. Alabama Power Co. 53FR21550 00064. 90/02/05. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52635:312-52635:312.

**9002150156** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Murkowski amend.  
MILLER,L. Affiliation Not Assigned. 53FR21550 00065. 90/02/07. Docketing & Services Branch. 1p. 52635:311-52635:311.

**9002150159** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.US should enforce toughest stds on transportation of nuclear waste.  
PARKER,A. Affiliation Not Assigned. 53FR21550 00066. 90/02/08. NRC - No Detailed Affiliation Given. 1p. 52635:310-52635:310.

**9002150162** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports stds in Murkowski amend.  
RICH,R. Affiliation Not Assigned. 53FR21550 00067. 90/02/08. Docketing & Services Branch. 1p. 52635:309-52635:309.

**9002150166** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports EEI-UWASTE/NUMARC comments to be provided to NRC by 900209.  
HAIRSTON,W.G. Georgia Power Co. 53FR21550 00068. 90/02/07. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52635:308-52635:308.

**9002150168** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski stds.  
EDWARDS,C. Affiliation Not Assigned. 53FR21550 00074. 90/02/09. Docketing & Services Branch. 1p. 52635:307-52635:307.

**9002150174** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Murkowski amend.NRC should follow more stringent stds that Alaskans have stridently supported.  
FAUST,N. Kachemak Bay Conservation Society. FAUST,N. Affiliation Not Assigned. 53FR21550 00075. 90/02/04. Docketing & Services Branch. 1p. 52635:302-52635:302.

**9002150177** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
JONES,V.E. Affiliation Not Assigned. 53FR21550 00076. 90/02/09. Docketing & Services Branch. 1p. 52635:306-52635:306.

**9002150178** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
\* Affiliation Not Assigned. 53FR21550 00089. 90/02/09. NRC - No Detailed Affiliation Given. 2pp. 52635:300-52635:301.

**9002150180** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Senator Murkowski amend.  
POWERS,J.H. Affiliation Not Assigned. 53FR21550 00081. 90/02/05. Docketing & Services Branch. 1p. 52635:305-52635:305.

**9002150182** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
MYERS,C. Affiliation Not Assigned. 53FR21550 00090. 90/02/02. Docketing & Services Branch. 1p. 52635:299-52635:299.

**9002150183** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports amend to NUREG-0360.  
KING,C. Affiliation Not Assigned. 53FR21550 00077. 90/02/09. Docketing & Services Branch. 1p. 52635:304-52635:304.

**9002150188** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
THOMPSON,E. Affiliation Not Assigned. 53FR21550 00092. 90/02/08. Docketing & Services Branch. 1p. 52635:298-52635:298.

**9002150189** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.Supports Murkowski amend (NUREG-0360) which sets forth reasonable min stds.  
MARIO,G.L. Affiliation Not Assigned. 53FR21550 00078. 90/02/06. Docketing & Services Branch. 1p. 52635:303-52635:303.

**9002150227** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
BOYLE,J.F. Affiliation Not Assigned. 53FR21550 00083. 90/02/02. NRC - No Detailed Affiliation Given. 1p. 52635:297-52635:297.

## 206 NONDOCKETED ITEMS

- 9002150257** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
OSTROGORSKY,M. Sierra Club. 53FR21550 00080. 90/02/06. Docketing & Services Branch. 2pp. 52635:295-52635:296.
- 9002150265** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
NUTTALL,J. Affiliation Not Assigned. 53FR21550 00079. 90/02/09. NRC - No Detailed Affiliation Given. 1p. 52635:294-52635:294.
- 9002150269** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
BENSON,K. Alaska Health Project. WOOD,K. Alaska Center for the Environment. TOAL,C. Society Against Nuclear Energy. 53FR21550 00070. 90/02/07. Docketing & Services Branch. 13pp. 52635:281-52635:293.
- 9002150281** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
RIVES,F.B. Entergy Corp. 53FR21550 00082. 90/02/09. Docketing & Services Branch. 3pp. 52635:278-52635:280.
- 9002150294** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Proposed rule, although supported, still inconsistent w/IAEA regulations.  
ACOSTA,R.J. Florida Power & Light Co. 53FR21550 00069. 90/02/05. Docketing & Services Branch. 3pp. 52629:358-52629:360.
- 9002150298** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
GRISCO,M. Affiliation Not Assigned. 53FR21550 00088. 90/02/07. Docketing & Services Branch. 1p. 52629:357-52629:357.
- 9002150330** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
THIELKE,P. Smoky Bay School, Homer, AK. THIELKE,P. Affiliation Not Assigned. 53FR21550 00071. 90/02/08. NRC - No Detailed Affiliation Given. 1p. 52629:285-52629:285.
- 9002150339** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
DODD-BUTTERS,S., BUTTERS,D.L. Affiliation Not Assigned. 53FR21550 00072. 90/02/02. NRC - No Detailed Affiliation Given. 1p. 52629:284-52629:284.
- 9002150356** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
BRADHAM,O.S. South Carolina Electric & Gas Co. 53FR21550 00086. 90/02/09. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52629:283-52629:283.
- 9002150359** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
HUNGER,G.A. Philadelphia Electric Co. 53FR21550 00085. 90/02/09. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52629:281-52629:282.
- 9002150362** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
RISLEY,L.A. Affiliation Not Assigned. 53FR21550 00091. 90/02/08. NRC - No Detailed Affiliation Given. 1p. 52629:280-52629:280.
- 9002150369** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
HOWE,L.M. Affiliation Not Assigned. 53FR21550 00087. 90/02/05. NRC - No Detailed Affiliation Given. 1p. 52629:279-52629:279.
- 9002150375** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
BALKUS,M.E. Affiliation Not Assigned. 53FR21550 00073. 90/02/03. Docketing & Services Branch. 1p. 52629:278-52629:278.
- 9002150379** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Use of definitions should be same as DOT definitions.  
LOFLIN,L.L. Carolina Power & Light Co. 53FR21550 00084. 90/02/09. CHILK,S.J. Office of the Secretary of the Commission. 4pp. 52785:248-52785:251.
- 9002220003** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Ask criteria for air transport of deadly Pu should be based on worst case crash scenario, not lowest common denominator.  
HOLMES,R., MARIO,G., MCGEE,C. Affiliation Not Assigned. 53FR21550 00097. 90/02/13. Office of the Secretary of the Commission. 1p. 52688:034-52688:035.
- 9002220004** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
DAVIS,E. Affiliation Not Assigned. 53FR21550 00099. 90/01/08. Docketing & Services Branch. 2pp. 52668:036-52668:038.
- 9002220009** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
LEWIS,M.S. Chem-Systems, Inc. 53FR21550 00093. 90/02/08. Docketing & Services Branch. 10pp. 52668:039-52668:048.
- 9002220016** Comment opposing rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Low specific activity packages should be exempted from proposed IAEA Safety Series 6, as revised in 1986 changes.  
MROCKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA,E.J. Connecticut Yankee Atomic Power Co. MROCKA,E.J. Northeast Utilities. 53FR21550 00101. 90/02/09. Docketing & Services Branch. 11pp. 52658:341-52658:351.
- 9002220032** Comment on rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. Suggests use of allowable variation of 20% to account for both settling during transport & difference in instrument calibr factors.  
SORENSEN,G.C. Washington Public Power Supply System. 53FR21550 00095. 90/02/08. Docketing & Services Branch. 5pp. 52668:029-52668:033.
- 9002220047** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
MURKOWSKI,F.H. Senate. 53FR21550 00100. 90/02/07. Docketing & Services Branch. 1p. 52668:049-52668:049.
- 9002220053** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
COWPER,S. Alaska, State of. 53FR21550 00098. 90/02/09. Office of the Secretary of the Commission. 5pp. 52668:050-52668:054.
- 9002220065** Comment on rev to proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds. NRC should defer proposed rule until comments filed & analyzed in DOT parallel rulemaking proceeding.  
MILLS,L.E. Edison Electric Institute. 53FR21550 00094. 90/02/09. CHILK,S.J. Office of the Secretary of the Commission. 9pp. 52658:352-52658:360.
- 9002220094** Comment supporting proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
LINDSEY,K. Affiliation Not Assigned. 53FR21550 00096. 90/02/13. NRC - No Detailed Affiliation Given. 1p. 52668:055-52668:055.
- 9002230061** Comment on proposed rule 10CFR2 re revs to enforcement policy. Commission urged to rescind enforcement policy rev because maint issues should not be treated differently than other safety issues.  
BIRD,R.G. Boston Edison Co. 54FR50610 00017. 90/02/06. Docketing & Services Branch. 2pp. 52710:148-52710:149.
- 9002230083** Comment opposing mod to proposed rule 10CFR2, App C re policy & procedures for enforcement actions; policy statement. Policy misdirects emphasis to maintain deficiencies to detriment of other areas of concern in operation of nuclear facilities.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 54FR50610 00018. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52701:096-52701:096.
- 9002230096** Comment opposing mod to proposed rule 10CFR2, App C re policy & procedures for enforcement actions; policy statement. Endorses NUMARC comments on sub j policy change & recommends reconsideration & rev of policy.  
WIDELL,R.C. Florida Power Corp. (subs. of Florida Progress Corp.). 54FR50610 00019. 90/02/07. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52701:097-52701:097.
- 9002230103** Comment opposing proposed rule 10CFR2 re revised maint enforcement policy notice. Escalating enforcement actions not effective method of emphasizing importance of maint.  
Tennessee Valley Authority. 54FR50610 00016. 90/02/06. Docketing & Services Branch. 2pp. 52710:150-52710:151.
- 9002230109** Comment supporting proposed rule 10CFR34 re ASNT certification of industrial radiographers.  
KOVACH,T.J. Commonwealth Edison Co. 54FR47089 00046. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52669:065-52669:066.
- 9002230111** Comment opposing mod to proposed rule 10CFR2, App C re policy & procedures for enforcement actions; policy statement. Policy misdirects emphasis to maintain deficiencies to detriment of other areas of concern in operation of nuclear facilities.  
SCHNELLE,D.F. Union Electric Co. 54FR50610 00020. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 4pp. 52701:084-52701:087.
- 9002230126** Comment opposing proposed rule 10CFR2 re revised enforcement policy.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 54FR50610 00021. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52701:064-52701:065.
- 9002230141** Comment opposing mod to proposed rule 10CFR2 re policy & procedures for enforcement actions; policy statement. Disagrees w/Implied conclusion that maint is more important to safety than other activities, such as operations.  
MIELE,M.L. Consolidated Edison Co. of New York, Inc. 54FR50610 00022. 90/02/06. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 52701:104-52701:105.
- 9002230168** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. NRC should reconsider position of accepting certification in lieu of current requirement for initial training & testing program on radiation safety.  
SPELL,W.H. Louisiana, State of. 54FR47089 00047. 90/02/08. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111). 4pp. 52701:080-52701:083.
- 9002230188** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. NRC should consider small industrial radiography companies & rule against third party certification.  
COUCH,O., RENEAU,N. Panhandle NDT & Inspection, Inc. 54FR47089 00040. 90/02/01. Docketing & Services Branch. 2pp. 52701:102-52701:103.
- 9002230209** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. NRC should consider requiring that, as min, two individuals, one radiographer & radiographer assistant be required at field site.  
BAKER,K.F. Baker Testing Services, Inc. 54FR47089 00041. 90/02/07. Office of the Secretary of the Commission. 1p. 52701:077-52701:077.
- 9002230230** Comment on proposed rule 10CFR34 re ASNT certification of industrial radiographers. Disagrees that mandating third party certification would achieve desired result of reducing excessive exposures.  
RAY Tennessee Valley Authority. 54FR47089 00042. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52701:078-52701:079.
- 9002230231** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
SPECHT,D. Homer Boat Watch. SPECHT,D. Affiliation Not Assigned. 53FR21550 00005. 90/02/02. NRC - No Detailed Affiliation Given. 1p. 52668:067-52668:067.
- 9002230243** Comment on proposed rule 10CFR170, "Rev of Fee Schedules: Radioisotope Licenses & Topical Repts." Clarification on licensee removal of exemption in 10CFR170.11(a)(3) re fees for byproduct, source or SNM matl requested.  
COCKFIELD,D.W. Portland General Electric Co. 54FR49763 00029. 90/02/16. Docketing & Services Branch. 1p. 52668:064-52668:064.
- 9002230275** Comment supporting proposed rule 10CFR34 re ASNT certification of industrial radiographers. Invoking requirements may result in addl costs to utils, but radiation safety would be improved.  
HUNGER,G.A. Philadelphia Electric Co. 54FR47089 00043. 90/02/07. CHILK,S.J. Office of the Secretary of the Commission. 1p. 52701:076-52701:076.

**9002230300** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. NRC should not get third parties w/ no vested interests involved but get licensees more active in trying to instill safety in industry.  
DILTS, A.J. MGS Inspection, Inc. (formerly Magnaflex Corp.). DILTS, A.J. Affiliation Not Assigned. 54FR47089 00044. 90/02/02. Docketing & Services Branch. 2pp. 52701:074-52701:075.

**9002230326** Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. Proposed rule creates lack of regulatory control & oversight in area of training.  
LACKER, D.K. Texas, State of. 54FR47089 00045. 90/02/06. Docketing & Services Branch. 5pp. 52701:069-52701:073.

**9002230344** Comment supporting proposed rule 10CFR34 re ASNT certification of industrial radiographers. Opposes suggested rulemaking that would require third party certification of radiographers.  
SCHEEL, R.G. General Dynamics Corp. 54FR47089 00039. 90/02/01. Docketing & Services Branch. 2pp. 52701:088-52701:095.

**-9002230366** Comments on proposed rule 10CFR34 re implementation of third party certification program for industrial radiographers.  
SURPRENANT, R.H. General Dynamics Corp. 82/08/31. Docketing & Services Branch. 6pp. 52701:090-52701:095.

**9002230378** Comment opposing proposed rule 10CFR2 re revised policy concerning civil penalty escalations for maintenance-related violations. Modified policy precludes fair NRC judgment of effectiveness of industry initiatives during maintenance period.  
EVERS, K.H. Wisconsin Public Service Corp. 54FR50610 00012. 90/02/06. Docketing & Services Branch. 3pp. 52701:066-52701:068.

**9002230407** Comment opposing proposed rule 10CFR2 re mod to NRC policy statement on policy & procedures for enforcement actions. Encourages NRC to reconsider need for revised policy statement.  
KOVACH, T.J. Commonwealth Edison Co. 54FR50610 00013. 90/02/05. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52701:100-52701:101.

**9002230416** Comment opposing proposed rule 10CFR2 re proposed mod to enforcement policy that adds civil penalty adjustment factor allowing escalation for violations involving maintenance deficiencies.  
KEISER, H.W. Pennsylvania Power & Light Co. 54FR50610 00014. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 52701:098-52701:099.

**9002230436** Comment on proposed rule 10CFR2 re mod to general statement of policy & procedures for NRC enforcement actions & rev to 10CFR50, "Policy Statement on Maintenance." Requests that NRC reconsider enforcement policy mod.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 54FR50610 00015. 90/02/06. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52701:063-52701:063.

#### PRM PETITION FOR RULEMAKING

**8911020054** Comment on petition for rulemaking PRM-35-9 re medical use of byproduct material. Pleads that malignancy of NRC be removed from natl govt.  
BRUCER, M. Brucer, M., MD. CCS. 89/10/26. Docketing & Services Branch. 4pp. 51638:054-51638:057.

**9002050052** Ack receipt of 891221 ltr re RL Wahl comments supporting petition for rulemaking to revise 10CFR35. NRC currently reexamining regulations governing use of radiopharmaceuticals in nuclear medicine to resolve issues raised in petition.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/11. LEVIN, C. Senate. 2pp. 52547:225-52547:229.

**-9002050055** Forwards RL Wahl 891030 ltr supporting petition for rulemaking PRM-35-9, for response.  
LEVIN, C. Senate. CCS. 89/12/21. RATHBUN, D.K. NRC - No Detailed Affiliation Given. 1p. 52547:227-52547:229.

**9002050060** Ack receipt of 891205 & 23 ltrs re JJ Burnis & RJ Peterson support of petition for rulemaking to revise 10CFR35 to allow use of radiopharmaceuticals for therapeutic indications not listed in package insert.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/11. KYL, J. House of Rep. 2pp. 52548:103-52548:111.

**-9002050063** Forwards Associated Radiologists, Ltd 891129 ltr in support of petition for rulemaking PRM-35-9, for response.  
KYL, J. House of Rep. CCS. 89/12/23. RATHBUN, D.K. NRC - No Detailed Affiliation Given. 4pp. 52548:108-52548:111.

**9002050068** Ack receipt of 891215 ltr transmitting B Nguyen & R Sheriff correspondence in support of petition for rulemaking to revise 10CFR35. NRC currently reexamining regulations governing use of radiopharmaceuticals in nuclear medicine.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/11. BENTSEN, L. Senate. 2pp. 52547:095-52547:104.

**-9002050069** Requests info re encl constituent ltrs supporting petition for rulemaking to revise 10CFR35 regulations.  
BENTSEN, L. Senate. CCS. 89/12/15. RATHBUN, D. NRC - No Detailed Affiliation Given. 6pp. 52547:097-52547:104.

**9002050078** Ack receipt of 891207 ltr transmitting constituent R Clark ltr in support of petition for rulemaking PRM-35-9. NRC currently reexamining regulations governing use of radiopharmaceuticals in nuclear medicine & will consult w/ FDA.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/11. BYRAN, R.H. Senate. 2pp. 52547:220-52547:224.

**9002050087** Ack receipt of 891220 ltr transmitting correspondence from constituent MR Habibian in support of petition for rulemaking to revise 10CFR35. NRC currently reexamining regulations re use of radiopharmaceuticals in nuclear medicine.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/11. CLEMENT, B. House of Rep. 2pp. 52547:086-52547:090.

**-9002050090** Forwards constituent MR Habibian ltr supporting proposed rulemaking to revise 10CFR35 regulations, for response.  
CLEMENT, B. House of Rep. CCS. 89/12/20. REMICK, B. Commissioners. 1p. 52547:088-52547:090.

**9002050095** Ack receipt of 900102 ltr forwarding constituents JJ Burnis & RJ Peterson correspondence supporting petition for rulemaking PRM-35-9. NRC currently reexamining regulations governing use of radiopharmaceuticals in nuclear medicine.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/16. STUMP, B. House of Rep. 2pp. 52547:240-52547:246.

**9002050103** Ack receipt of 900103 ltr re constituent S Anderson ltr supporting petition for rulemaking to revise 10CFR35. NRC reexamining regulations governing use of radiopharmaceuticals in nuclear medicine. Comments will be taken into consideration.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/17. DUNCAN, J.J. House of Rep. 2pp. 52547:235-52547:239.

**-9002050104** Forwards constituent S Anderson correspondence re 10CFR35 regulations pertaining to medical use of byproduct material, for response.  
DUNCAN, J.J. House of Rep. CCS. 90/01/03. CARR, K. Commissioners. 3pp. 52547:237-52547:239.

**9002050108** Ack receipt of 900122 ltr re M Brucer comments supporting petition for rulemaking to revise 10CFR35 regulations. NRC currently reexamining regulations governing use of radiopharmaceuticals in nuclear medicine.  
RATHBUN, D.K. Congressional Affairs. CCS. 90/01/26. DECONCINI, D. Senate. 2pp. 52547:080-52547:085.

**-9002050110** Requests comments on encl M Brucer 891026 ltr re petition for rulemaking PRM-35-9.  
DECONCINI, D. Senate. CCS. 90/01/22. NRC - No Detailed Affiliation Given. 2pp. 52547:082-52547:085.

**9002080285** Comment supporting petition for rulemaking PRM-35-9 re revised 10CFR35 regulations governing medical use of byproduct material. NRC should pursue comprehensive study to assess radiobiological effects of misadministrations.  
\* Stamford Memorial Hosp., Stamford, TX. \* Affiliation Not Assigned. 54FR38239 00465. 90/01/10. Docketing & Services Branch. 2pp. 52563:026-52563:027.

**9002080287** Comment supporting petition for rulemaking PRM-35-9 re revised 10CFR35 regulations governing medical use of byproduct material.  
\* Stamford Memorial Hosp., Stamford, TX. \* Affiliation Not Assigned. 54FR38239 00464. 90/01/10. Docketing & Services Branch. 2pp. 52563:028-52563:029.

**9002080299** Comment supporting petition for rulemaking PRM-35-9 re medical use of byproduct material. Highly restrictive regulations will only jeopardize public health & safety by restricting access to appropriate nuclear medicine procedures.  
MARTIN, W. Jewish Hosp. St. Louis, MO. MARTIN, W. Affiliation Not Assigned. 54FR38239 00467. 90/01/18. Docketing & Services Branch. 2pp. 52567:167-52567:168.

**9002080304** Comment supporting petition for rulemaking PRM-35-9 re medical use of byproduct material.  
\* Stamford Hosp., Stamford, CT. 54FR38239 00466. 90/01/10. Docketing & Services Branch. 2pp. 52567:171-52567:172.

#### PROJ PROJECTS - PREDOCKET LICENSING

**9001290010** Informs that DOE/LLL 900125 briefing on AVLIS U enrichment deployment plan will be given to B Bernero.  
LOYSEN, P. Fuel Cycle Safety Branch. 90/01/23. BERNERO, R.M., BURNETT, R.F., CUNNINGHAM, R.E. NRC - No Detailed Affiliation Given. 1p. 52469:161-52469:161.

**9001290076** Suggests meeting to discuss technical, legal & licensing implications of DOE proposed near-term remedial action for West Valley burial ground, per encl DOE 900102 memo. W/o encl.  
SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/17. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 1p. 52469:333-52469:333.

**9001300096** Requests that consolidated financial statements submitted to NRC by 891121 ltr re indirect transfer of C-E licenses be treated as confidential, per 10CFR2.790. Supporting affidavit encl.  
BURT, R.M. ASEA Brown Boveri, Inc. 90/01/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52490:294-52490:296.

**9001300200** Forwards response to requests for addl info re Chapters 6, 7, 8, 9, 12 & 13 of advanced LWR requirements document covering physical security, insider & outsider sabotage threats & controlled access to containment.  
KINTNER, E.E. ALWR Utility Steering Committee. KINTNER, E.E. General Public Utilities Corp. - GPU Service Corp. 90/01/18. Document Control Branch (Document Control Desk). 9pp. 52490:059-52490:067.

**9001300391** Notifies of 900130 meeting in Rockville, MD to discuss NRC licensed disposal area at West Valley, including technical aspects of DOE interception trench being built to confine leaking reprocessing solvent.  
HURT, R.D. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/01/25. SWIFT, J., SJOBLUM, G., CONFORT, G. Division of Industrial & Medical Nuclear Safety (Post 870729). 2pp. 52494:272-52494:273.

**9001300470** Summary of 900125 meeting w/ Pacific Nuclear Fuel Services, Inc in Rockville, MD re concerns on spent fuel storage & transportation compatibility at back end of fuel cycle.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/01/26. SJOBLUM, G.L. Fuel Cycle Safety Branch. 25pp. 52496:294-52496:318.

**9002010170** Canceled Rev 2 to TR-IRTS-6, "Operational Safety Requirements."  
DOMES, L.E., SCHIFFHAUER, C. West Valley Nuclear Services Co., Inc. 90/01/15. 7pp. 52523:321-52523:327.

**9002010306** Forwards request for addl info to complete review of Sys 80+ design certification for CESSAR-DC, including fire protection analysis, fuel assembly storage capacity, storage densities for spent fuel pool & spent fuel pool storage racks.  
SINGH, R. Division of Reactor Projects - III, IV & Special Projects (Post 870411). 90/01/24. SCHERER, A.E. Combustion Engineering, Inc. 17pp. 52523:055-52523:071.

## 208 NONDOCKETED ITEMS

9002010334 Forwards Unusual Occurrence Rept WVNS 88-3-STS-2 re leaky dump valve on bottom of STS Ion Exchange Column C-004 due to potential for common mode failure. Leak has been stopped. Sparge sys will be installed on C-004 by 891212.  
PLOETZ, D.K. West Valley Nuclear Services Co., Inc. WD:89:0527. 89/08/03. BIXBY, W.W. Energy, Dept. of. 3pp. 52505:042-52505:089.

9002010343 Unusual Occurrence Rept 88-3-STS-2 on 880720 leakage of Valve 50-FV-408 caused by equipment failure. Valves at top of Column C-004 visually checked & stroked to assure closure.  
PLOETZ, D.K. West Valley Nuclear Services Co., Inc. 89/08/03. 45pp. 52505:045-52505:089.

9002010344 Forwards Unusual Occurrence Rept UOR-89-11-STS-1, documenting supernatant treatment sys column B dump valve, used to remove expended ion exchange media from process vessel, failing to close.  
VALENTI, P.J. West Valley Nuclear Services Co., Inc. WD:89:1030. 89/12/28. BIXBY, W.W. Energy, Dept. of. 2pp. 52522:230-52522:238.

9002010348 89-11-STS-1 Unusual Occurrence Rept 89-11-STS-1 on 891213, discovered that valve 50-FV-208 would not close after valve opened & spent zeolite damped, causing loss of column B pressure. Caused by faulty valve actuator seals. Air supply closed.  
LINCOLN, L.L., VALENTI, P.J., PLOETZ, D.K. West Valley Nuclear Services Co., Inc. 89/12/28. 7pp. 52522:232-52522:238.

9002010366 Requests withdrawal of 891211 affidavit. New affidavit w/ correct info encl. KERSH, K. Arkansas Tech Univ., Russellville, AR. 89/12/19. ADAMS, A. NRC - No Detailed Affiliation Given. 2pp. 52540:076-52540:077.

9002020317 Forwards "Duke Power Co Topical Rept QA Program," per request during 900111 meeting.  
LEROY, P.G. Duke Power Co. LES-90-009. 90/01/29. SJOBLUM, G. Fuel Cycle Safety Branch. 1p. 52539:316-52540:068.

9002020320 "Duke Power Co Topical Rept QA Program."  
\* Duke Power Co. 90/01/29. 110pp. 52539:319-52540:068.

9002060095 Advises that Docket 50-606 assigned to Arkansas Tech Univ TRIGA reactor & replaces Project 677.  
ADAMS, A. Non-Power Reactor, Decommissioning & Environmental Project Directorate. 90/01/26. KERSH, K. Arkansas Tech Univ., Russellville, AR. 3pp. 52556:199-52556:201.

9002060304 Advises that Pacific Nuclear Fuel Services, Inc established to focus company activities in spent fuel svcs marketplace. Pacific Nuclear Fuel Svcs, Inc assumed responsibility for NUHOMS spent fuel storage sys.  
MCCONAGHY, W.J. Nutech, Inc. WJM-90-009. 90/01/30. ROBERTS, J. Fuel Cycle Safety Branch. 1p. 52560:048-52560:048.

9002060316 Rev 8 to WVPD-019, "Annual Waste Mgt Plan."  
\* West Valley Nuclear Services Co., Inc. 89/12/31. 124pp. 52584:301-52585:064.

9002070226 Summary of 900111 meeting w/Louisiana Energy Svcs re licensing matters. List of attendees & viewpoints encl.  
LOYSEN, P. Fuel Cycle Safety Branch. 90/02/01. SJOBLUM, G.L. Fuel Cycle Safety Branch. 7pp. 52593:022-52593:028.

9002070231 Forwards responses to NRC 890228 request for results of DOE engineering studies on containment & DHR & policy difference between new production reactor & modular HTGR. Addl analyses & completion of technology program required.  
YOUNG, W.H. Energy, Dept. of. 89/11/28. BECKJORD, E.S. Office of Nuclear Regulatory Research, Director (Post 860720). 8pp. 52592:055-52592:062.

9002070234 Concurs w/decision to act immediately to prevent buried reprocessing solvent from reaching nearby creek & agrees, in general terms, that interception trench as described in 900102 & 05 memos reasonable method for containing solvent.  
HURT, R.D. Fuel Cycle Safety Branch. 90/02/01. BIXBY, W.W. Energy, Dept. of. 1p. 52598:227-52598:227.

9002070247 Forwards SER accepting Nuclear Assurance Corp (NAC) Rev 1 to "Topical SAR for NAC Storage/Transport Cask Containing 28 Intact Fuel Assemblies for Use at ISFSI" as ref, under limitations delineated in SAR, w/stated exception.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/01. VIEBROCK, J.M. Nuclear Assurance Corp. 7pp. 52604:294-52604:359.

9002070250 SER accepting Rev 1 to "Topical SAR for Nuclear Assurance Corp Storage/Transport Cask Containing 28 Intact Fuel Assemblies for Use at ISFSI," as ref under limitations delineated in SAR.  
\* Office of Nuclear Material Safety & Safeguards, Director. 90/02/28. 59pp. 52604:301-52604:359.

9002070315 Requests addl info to continue review of topical rept, "Topical SAR for Nuclear Assurance Corp Storage/Transport Cask Containing 28 Intact Fuel Assemblies for Use at ISFSI."  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/01/31. VIEBROCK, J.M. Nuclear Assurance Corp. 2pp. 52593:018-52593:019.

9002070386 Revised emergency plan & procedures manual, including Rev 2 to Emergency Procedure G-11 & Rev 7 to Emergency Procedure G-26.  
DOMES, L.E., SHIFFHAUER, C.M. West Valley Nuclear Services Co., Inc. 90/02/02. 30pp. 52592:063-52592:094.

9002070479 Trip rept of 891111-17 visit to England, France & Germany re gas-cooled reactor research & operations. ORNL foreign trip rept dtd 891204 encl.  
WILLIAMS, P.M. Advanced Reactor & Generic Issues Branch. 90/01/10. WILSON, J.N. Advanced Reactor & Generic Issues Branch. 39pp. 52570:045-52570:083.

9002090070 Forwards response to 881216 request for addl info re CESSAR-DC, Chapters 3, 4.5 & 6 re turbine missiles, control element drive structural matls, cleaning & contamination protection procedures & reactor internal matls.  
SCHERER, A.E. Combustion Engineering, Inc. LD-90-008. 90/01/25. Document Control Branch (Document Control Desk). 35pp. 52599:194-52599:228.

9002090089 Forwards Rev 0-A to Topical SAR, Section 13.0, "QA."  
MASSEY, J.V. Pacific Sierra Nuclear Associates, PSN-89-115. 89/11/30. SPRAUL, J.G. NRC - No Detailed Affiliation Given. 1p. 52614:037-52614:063.

9002090095 Rev 0-A to Topical SAR, Section 13.0, "QA."  
\* Pacific Sierra Nuclear Associates. 89/11/30. 26pp. 52614:038-52614:063.

9002090212 DOE-HTGR-88311 "Containment Study for Modular HTGR."  
\* Bechtel National, Inc. \* Energy, Dept. of. \* General Atomic (formerly GA Technologies, Inc./General Atomic Co.). 89/11/30. 180pp. 52605:077-52605:256.

9002120284 Informs that future correspondence re Rev 1A to Topical Repts NUH-001 & NUH-002 be forwarded to listed address.  
MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. WJM-90-008. 90/01/30. ROBERTS, J. Fuel Cycle Safety Branch. 1p. 52644:011-52644:011.

9002130100 Summary of 900130 meeting w/MHB Technical Assoc re draft SERs on modular HTGR & PRISM.  
WILLIAMS, P.M. Advanced Reactor & Generic Issues Branch. 90/02/06. WILSON, J.N. Advanced Reactor & Generic Issues Branch. 2pp. 52649:001-52649:002.

9002150073 Forwards "Technical Support for Hydrogen Control Requirement for EPRI Advanced LWR Requirements Document."  
KINTNER, E.E. General Public Utilities Corp. - GPU Service Corp. 90/02/05. Document Control Branch (Document Control Desk). 1p. 52675:265-52676:038.

9002150078 "Technical Support for Hydrogen Control Requirement for EPRI Advanced LWR Requirements Document."  
\* Fauske & Associates, Inc. 90/01/31. 133pp. 52675:266-52676:038.

9002160095 Forwards trip rept of NRC 891031 & 1101 visit to West Valley Demonstration Project operated by DOE. Visit beneficial in understanding glass production program at site.  
LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/13. STEIN, R. Energy, Dept. of. 248pp. 52654:172-52655:059.

9002220651 Summary of 900202 meeting w/DOE re licensing of monitored retrievable storage facility. Attendee list encl.  
HURT, R.D. Fuel Cycle Safety Branch. 90/02/09. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 3pp. 52683:137-52683:139.

9002280147 Forwards proprietary Rev 1 to Vol II to PSN-89-001, "Topical SAR for Ventilated Storage Cask Sys."  
MASSEY, J.V. Sierra Nuclear, Inc. PSN-90-024. 90/02/19. ROBERTS, J.P. Document Control Branch (Document Control Desk). 1p. 52777:345-52777:345.

### PT21 NONCOMPLIANCE REPORTS AND RELATED CORRESPONDENCE

8911270024 Deficiency & Part 21 rept re motor shaft pinion key failure, keyway deformation & shaft cracking problems. Third extension of rept schedule noted since actuator testing inconclusive. Next rept will be submitted on or about 900402.  
RAY, M.J. Tennessee Valley Authority. PT21 89-194-000. 89/11/16. Document Control Branch (Document Control Desk). 3pp. 51848:055-51848:057.

9001300119 Part 21 rept re Westinghouse Class 1E thermal/magnetic molded-case circuit breakers tripping during attempts to start motor. Initially reported on 900105. Vendor requesting that utility verify proper breaker performance.  
JOHNSON, W.J. Westinghouse Electric Corp. PT21 90-006-000. 90/01/09. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52546:201-52546:205.

9002120066 Part 21 rept re two of three PC cards in GE Type SLV11A1 over/undervoltage relays failing to produce output. Short between leads would result in damage to component 1C5. Sketch of threshold detection board encl.  
TEAGUE, J.E. General Electric Co. 90/02/02. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52607:055-52607:057.

9002120255 Forwards Rev 1 to LER 89-016 to correct event date on Page 1. Event due to failure of safety injection block/unblock switch rendering automatic features of both trains inoperable. Event also reported per 10CFR21.  
MECREDY, R.C. Rochester Gas & Electric Corp. 90/01/26. Document Control Branch (Document Control Desk). 1p. 52635:209-52635:217.

9002120259 LER 89-016-01: on 891117, engineering evaluation of 891220 potential single failure of safety injection block/unblock switch completed. Caused by design error during initial plant const. Plugger position verified. Also reported per Part 21.  
BACKUS, W.H. Rochester Gas & Electric Corp. 90/01/26. 8pp. 52635:210-52635:217.

9002130347 LER 90-001-00: on 891116, potential concern identified w/ pressurizer safety valve blowdown being greater than assumed in safety analyses. Caused by functional design deficiency. Also reportable per Part 21. W/900202 ltr.  
GLOVER, R.M. Duke Power Co. 90/02/02. 8pp. 52637:039-52637:046.

9002140115 Responds to 891213 ltr re NRC Info Notice 89-058, Suppl 1. Purpose of ref to DuBose 891025 ltr in info notice was to alert licensees to potential defect in PVN matl supplied to DuBose.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-89-056. 90/01/30. DUBOSE, C.H. DuBose Steel, Inc. 2pp. 52648:359-52648:360.

9002150268 Part 21 rept re potential of ambient compensated molded case circuit breaker performance to deviate from published info. Appropriate customers informed of original potential substantial safety hazard notification & listed correction.  
JOHNSON, W.J. Westinghouse Electric Corp. NS-NRC-90-3486. 90/02/06. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52688:239-52688:240.

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage, per 1984-85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738:068-52738:105.

9002220573 Part 21 rept re possible rise in chiller water temp when svc water flow valve opened to increase flow. Initially reported on 900209. Revised guidelines issued for min chiller load operation by selectively isolating cooling coils.  
VAUGHN, H.E. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 90/02/13. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52696:071-52696:072.



**9002230001** LER 88-006-02: on 880219, numerous bolt head failures of 5/16- inch x 1/2- inch silicon bronze carriage bolts noted in bus/ bar connections of electrical switchboards. Caused by IGSCC. Bolts replaced. Reportable per Part 21.W/900209 ltr. POULK,R.M., HARNESS,J.L. Carolina Power & Light Co. BSEP/90-0095. 90/02/09. 39pp. 52713:117-52713:155.

**QA999 QUALITY ASSURANCE INSPECTIONS**

**9001310329** Forwards Insp Rept 99901145/89-01 on 890911-12.No instance found of failing to meet NRC requirements.  
BRACH,E.W. Vendor Inspection Branch. 90/01/22. RUSH,R. Capital Westward Systems, Inc. 2pp. 52514:098-52514:104.

**-9001310332** QA Program Insp Rept 99901145/89-01 on 890911-12.No violations,noncompliance or unresolved items noted.Major areas inspected:followup to 10CFR21 rept,dtd 881021 re supplying of nongenuine Masonneilan-Dresser valve parts.  
PETROSINO,J.J., BAKER,E.T. Vendor Inspection Branch. IEIN-88-097. 89/09/25. 5pp. 52514:100-52514:104.

**9001310421** Forwards Insp Rept 99900094/88-01 on 881212-16 & notices of nonconformance & violation.  
BRACH,E.W. Vendor Inspection Branch. 90/01/22. SANFORD,P.H. Dresser Industries, Inc. 2pp. 52514:069-52514:090.

**-9001310423** Notice of violation from insp on 881212-16.Violation noted: MD Procedure 236-M-174,Rev B re 10CFR21 implementation incorrectly defined Part 21 term, "substantial safety hazard."  
\* NRC - No Detailed Affiliation Given. 90/01/22. 1p. 52514:071-52514:071.

**-9001310428** Notice of nonconformance from insp on 881212-16. Nonconformance noted:MD nuclear QA manual failed to ensure that adequate quality requirements included or ref on purchase order documents.  
\* NRC - No Detailed Affiliation Given. 90/01/22. 2pp. 52514:072-52514:073.

**-9001310431** Insp Rept 99900094/88-01 on 881212-16.Violations & nonconformances noted.Major areas inspected:10CFR21 rept dtd 881021 from Consumers Power Co re valve internal replacement parts not mfg by authorized vendor facilities.  
PETROSINO,J.J., BAKER,E.T. Division of Reactor Inspection & Safeguards (Post 870411). 89/03/27. 17pp. 52514:074-52514:090.

**9002050368** Forwards Insp Rept 99901166/89-01 on 890622.  
BRACH,E.W. Vendor Inspection Branch. 90/01/24. CLARK,P. Midwest Valve Parts Supply Co. 1p. 52547:356-52547:360.

**-9002050380** Insp Rept 99901166/89-01 on 890622.No violations or nonconformances noted.Major areas inspected:observation re GEMOCO deviating from valve trim etching requirements.  
PETROSINO,J.J., BAKER,E.T. Vendor Inspection Branch. IEIN-88-097. 89/07/24. 4pp. 52547:357-52547:360.

**9002070038** Forwards Insp Rept 99901173/89-01 on 891002-03 & notice of nonconformance.Problems in control of procurement of safety-related equipment from contractors & vendors & weaknesses in controls for translating equipment noted.  
LAINAS,G.C. Division of Reactor Inspection & Safeguards (Post 870411). 90/01/30. DEFLINE,L. SACM Diesel. 2pp. 52598:280-52598:290.

**-9002070040** Notice of nonconformance from insp on 891002-03. Nonconformances noted:issuance of purchase orders to vendors w/o assurance that vendors capable of mfg products in conformance w/procurement documents & unclear quality plan.  
\* Division of Reactor Inspection & Safeguards (Post 870411). 90/01/30. 2pp. 52598:282-52598:283.

**-9002070042** Insp Rept 99901173/89-01 on 891002-03.Nonconformances noted. Major areas inspected:activities re mfg of diesel emergency generators for Prairie Island Nuclear Generating Plant.  
POTAPOVS,U., BRACH,E.W. Vendor Inspection Branch. 90/01/22. 7pp. 52598:284-52598:290.

**9002090047** Forwards Insp Rept 99901066/89-01 on 891009-10 & notice of nonconformance.  
LAINAS,G.C. Division of Reactor Inspection & Safeguards (Post 870411). 90/01/31. HUNT,M. Rotork Controls, Inc. 2pp. 52607:356-52608:011.

**-9002090054** Notice of nonconformance from insp on 891009-10. Nonconformance noted:subcontractors accepting matl based on certificates of conformance or certified matl test rept w/o requiring suppliers to have any controls.  
\* NRC - No Detailed Affiliation Given. 90/01/31. 4pp. 52607:358-52608:001.

**-9002090057** Insp Rept 99901066/89-01 on 891009-10.Noncompliance noted. Major areas inspected:QA program elements applicable to design control,procurement & dedication of commercial grade items.  
BAKER,E.T., BRACH,E.W. Vendor Inspection Branch. 90/01/24. 10pp. 52608:002-52608:011.

**9002120145** Forwards Insp Rept 99900779/88-01 on 881003-07 & notice of nonconformance.Licensee should respond within 30 days of receipt of ltr stating description of steps taken or to be taken to prevent recurrence.  
BRACH,E.W. Vendor Inspection Branch. IEIN-88-046. 90/01/31. ECKERT,W.J. Nutherm International, Inc. 2pp. 52630:172-52630:182.

**-9002120146** Notice of nonconformance from insp on 881003-07. Nonconformance noted:failure of program for dedication & qualification of commercial grade circuit breakers to provide adequate dedication basis w/o having traceability.  
\* Vendor Inspection Branch. IEIN-88-046. 90/01/31. 2pp. 52630:174-52630:175.

**-9002120147** Insp Rept 99900779/88-01 on 881003-07.Noncompliance noted. Major areas inspected:followup to NRC Info Notice 88-046 re commercial grade circuit breaker upgrading for safety-related use.  
PETROSINO,J.J., BAKER,E.T. Vendor Inspection Branch. IEIN-88-048. 89/03/17. 17pp. 52630:176-52630:192.

**9002130384** Responds to nonconformance noted in Insp Rept 99900505/89-01.Corrective actions:fabricated electrical junction boxes installed in Waterford Unit 3 acceptable & programmatic deficiency corrected.  
HEALY,C.R. Ebasco Services, Inc. (subs. of Enserch Corp.). 90/01/17. BRACH,E.W. Vendor Inspection Branch. 4pp. 52649:179-52649:182.

**9002140048** Requests extension of due date to 30 days after receipt of ltr at facility in order to develop comprehensive response to BK Grimes 900112 ltr.  
VALLI,P.C. BW/IP International, Inc. (formerly Byron Jackson Pump Division). 90/01/29. GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 1p. 52653:172-52653:172.

**9002160138** Partial response to FOIA request for records.App V records encl & available in PDR.  
PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/14. PEPPERMAN,D. Blecher & Collins. 2pp. 52636:050-52636:069.

**-9002160140** Requests investigation re inadequate tests performed on Telemecanique,formerly known as Gould,Inc safety-related motor control ctrs.  
STELLO,V. Ofc of the Executive Director for Operations. 86/02/05. HAYES,B.B. Office of Investigations (Pre 880201). 4pp. 52636:063-52636:066.

**REGGD REGULATORY GUIDES**

**9001240190** NRC Info Notice 90-007, "New Info re Insulation Matl Performance & Debris Blockage of PWR Containment Sumps." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/01/30. Consolidated Edison Co. of New York, Inc. 99pp. 52535:228-52535:329.

**9001300124** Responds to violations noted in Insp Rept 50-458/89-04 on 890918-1017.Corrective actions:foreman counseled on incident & cautioned to employ more care in future & memorandum sent to maint personnel re potential safety hazards.  
BOOKER,J.E. Gulf States Utilities Co. RBG-32142. 90/01/19. Document Control Branch (Document Control Desk). 6pp. 52491:235-52491:240.

**9001300322** Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 89-30, revising accident monitoring instrumentation to comply w/Rev 2 to Reg Guide 1.97.  
RAY,M.J. Tennessee Valley Authority. 90/01/22. Document Control Branch (Document Control Desk). 2pp. 52489:223-52489:258.

**9001310430** Forwards Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively & safety evaluation.Amends revise Tech Spec 3/4 4.6 re pressure-temp limits of RCS in order to comply w/ Generic Ltr 88-11 & Reg Guide 1.99,Rev 2.  
SHEMANSKI,P.C. Project Directorate III-2. GL-88-11. 90/01/16. KOVACH,T.J. Commonwealth Edison Co. 3pp. 52514:208-52514:235.

**-9001310440** Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively, revising Tech Spec 3/4 4.6 re pressure-temp limits of RCS in order to comply w/Generic Ltr 88-11 & Reg Guide 1.99,Rev 2.  
CRAIG,J.W. Project Directorate III-2. NPF-18 A 055. 90/01/16. 20pp. 52514:211-52514:230.

**-9001310448** Safety evaluation supporting Amends 71 & 55 to Licenses NPF-11 & NPF-18, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). GL-88-11. 90/01/16. 5pp. 52514:231-52514:235.

**9002010242** Forwards working draft Rev 3 to Reg Guide 1.9,Task RS 802-5, "Selection,Design,Qualification,Testing & Reliability of Diesel Generator Units Used As Class 1E Onsite Electric Power Sys At Nuclear Power Plants."  
SERKIZ,A.W. Reactor Plant Safety Issues Branch. 90/01/22. MARION,A. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 1p. 52531:322-52531:356.

**-9002010286** Working draft Rev 3 to Reg Guide 1.9,Task RS 802-5, "Selection,Design,Qualification,Testing & Reliability of Diesel Generator Units Used As Class 1E Onsite Electric Power Sys At Nuclear Power Plants."  
\* NRC - No Detailed Affiliation Given. 89/11/28. 34pp. 52531:323-52531:356.

**9002020057** Forwards safety evaluation accepting proposed electrical sys changes for fire protection per 10CFR50,App R.Conclusion based on approval of exemption request re App R & commitment to provide Reg Guide 1.75 compliance review.  
WANG,A.B. Project Directorate I-4. TAC 65034. 90/01/22. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp. 52533:157-52533:181.

**9002020099** Forwards safety evaluation re util emergency response capability for conformance to Reg Guide 1.97,Rev 2. Instrumentation acceptable except flow in HPIS & quench tank temp.  
WANG,A.B. Project Directorate I-4. 90/01/18. MROCZKA,E.J. Connecticut Yankee Atomic Power Co. MROCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52541:266-52541:275.

**-9002020101** Safety evaluation accepting instrumentation in Reg Guide 1.97,except flow in HPIS,LPIS,quench tank temp,steam generator pressure & heat removal by containment heat removal sys.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). GL-82-33. 90/01/18. 6pp. 52541:270-52541:275.

**-8911160269** EGG-EA-6942 R01 Rev 1 to "Conformance to Reg Guide 1.97:Haddam Neck" informal rept.  
UDY,A.C. EG&G Idaho, Inc. (subs. of EG&G, Inc.). FIN A-6483. TAC 51095. 87/11/30. NRC - No Detailed Affiliation Given. 22pp. 52541:276-52541:298.

**9002020221** Forwards safety evaluation concluding that present pressure/ temp limits for RCS for heatup,cooldown,leak test & criticality,per Generic Ltr 88-11 acceptable.Licensee will ref Reg Guide 1.99,Rev 2 re reactor vessel beltline matls.  
DAVIS,M.J. Project Directorate III-3. GL-88-11. 90/01/25. EVERS,K.H. Wisconsin Public Service Corp. 2pp. 52524:120-52524:125.

**-9002020224** Safety evaluation concluding that present pressure/temp limits for RCS for heatup,cooldown,leak test & criticality acceptable,per Generic Ltr 88-11.Util will use Reg Guide 1.99,Rev 2 to calculate ref temps for beltline matls.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). GL-88-11. 90/01/25. 4pp. 52524:122-52524:125.

**9002020267** Grants 891214 request for use of ASME Code Case N-401-1 re digitized collection & storage of eddy current test data as alternative to magnetic tape & strip chart recording of test data.  
HEBDON,F.J. Project Directorate IV. TAC 75511. 90/01/24. WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52539:310-52539:312.

## 210 NONDOCKETED ITEMS

- 9002070220** Confirms dates of 900205-09 for Reg Guide 1.97 insp at plant.Mgt entrance meeting scheduled on 900205 & mgt exit meeting tentatively scheduled for 900209.  
DURR,J.P. Region 1, Ofc of the Director. 90/01/26. KEISER,H.W. Pennsylvania Power & Light Co. 2pp. 52604:277-52604:278.
- 9002070222** Responds to violations noted in Insp Rept 50-414/89-34. Corrective actions:individuals involved in 891120 inaccurate tagout record sheet incident resulting in pump trip talked to re potential consequences of improper actions.  
TUCKER,H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 4pp. 52590:319-52590:322.
- 9002070437** Forwards Insp Rept 50-344/89-30 on 891218-22 & notices of violation & deviation.NRC interested in seeing util analysis of causative factors for violations similar to Item A & explanation of how to improve plan; or preclude recurrence.  
SCARANO,R.A. Region 5, Ofc of the Director. 90/01/19. COCKFIELD,D.W. Portland General Electric Co. 3pp. 52586:212-52586:238.
- 9002070445** Notice of violation from insp on 891218-22.Violations noted: maint worker installed temporary mod to Train B of hydrogen vent sys but signed for installing to Train A,failing to stop work & obtain direction when direction inadequate.  
SCARANO,R.A. Region 5, Ofc of the Director. 90/01/19. 3pp. 52586:215-52586:217.
- 9002080172** Notification of 900207 meeting w/GE in Rockville,MD to discuss neutron flux monitoring capability & plans for implementation of instrumentation that conform to Reg Guide 1.97.  
NEWBERRY,S. Instrumentation & Control Systems Branch. 90/02/01. THADANI,A.C. Division of Systems Technology (Post 890827). 2pp. 52609:346-52609:347.
- 9002120274** Summary of CRGR Meeting 176 on 891220 re proposed Commission paper on final rule entitled, "Storage of Spent Fuel in NRC- Approved Storage Casks at Nuclear Power Reactor Sites" & proposed Rev 3 to Reg Guide 1.9.W/o stated encls.  
JORDAN,E.L. Committee to Review Generic Requirements. 90/01/19. TAYLOR,J.M. Ofc of the Executive Director for Operations. 2pp. 52645:082-52645:083.
- 9002120319** Provides responses to Reg Guide 1.97 variable for steam generator wide level instrumentation & SER for plant & requests that NRC review info & consider accepting deviation on merits of existing design.  
SIEBER,J.D. Duquesne Light Co. 90/01/31. Document Control Branch (Document Control Desk). 13pp. 52630:112-52630:124.
- 9002130109** Forwards Insp Rept 50-220/89-35 on 891211-15.No violations noted.Understands that corrective actions for all Reg Guide 1.97 restart issues scheduled for completion before 900119 & corrective action for electrical restart before 900210.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/01. BURKHARDT,L. Niagara Mohawk Power Corp. 2pp. 52646:043-52646:052.
- 9002130115** Insp Rept 50-220/89-35 on 891211-15.No violations noted. Major areas inspected:licensee actions on three Reg Guide 1.97 & one electrical restart issues identified in Mar & Aug 1989 insps.  
CHEUNG,L. ANDERSON,C.J. Region 1, Ofc of the Director. 90/01/29. 8pp. 52646:045-52646:052.
- 9002130275** Forwards Insp Rept 50-285/90-01 on 900108-12 & notice of violation.Violation re environ qualification of reactor containment bldg sump temp instrumentation not cited.  
COLLINS,S.J. Region 4, Ofc of the Director. 90/02/01. MORRIS,K.J. Omaha Public Power District. 3pp. 52647:166-52647:187.
- 9002130279** Insp Rept 50-285/90-01 on 900108-12.Violations noted.Major areas inspected:implementation of commitments re Reg Guide 1.97, "Post-Accident Monitoring Instrumentation" & review of instrument calibr procedures & records.  
WAGNER,P., STETKA,T.F. Region 4, Ofc of the Director. 90/01/31. 17pp. 52647:171-52647:187.
- 9002130310** Forwards SER denying 891220 request for extension of date to install neutron flux monitor.Reg guide 1.97 requirements for flux monitoring following accident appropriate & proposed alternative criteria in GE Rept NEDO-31558 unacceptable.  
KINTNER,L.L. Project Directorate II-1. TAC 67974. 90/02/02. COTTLE,W.T. System Energy Resources, Inc. 3pp. 52646:133-52646:142.
- 9002130318** SER denying licensing Topical Rept NEDO-31558, "Position on Reg Guide 1.97,Requirements for Post-Accident Neutron Flux Monitoring Sys."  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 6pp. 52646:137-52646:142.
- 9002150115** Forwards FR notice of receipt of util 891205 submittal of updated antitrust info to be reviewed as portion of OL application,per Reg Guide 9.3.  
MCKENNA,E.M. Policy Development & Technical Support Branch (Post 870411). A. 90/02/01. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52658:194-52658:196.
- 9002150313** Forwards info re invalid test failure experienced on Diesel Generators 1DG01KA & 1DG01KB,per Reg Guide 1.108.  
HUNSADER,S.C. Commonwealth Edison Co. 81342. 90/01/22. DAVIS,A.B. Region 3, Ofc of the Director. 18pp. 52675:161-52675:178.
- 9002220161** Forwards safety evaluation approving licensee 880722 request for deviation from Reg Guide 1.97 re using recommended drywell pressure instrument w/ range of -.5 psig to 3 psig.  
KINTNER,L.L. Project Directorate II-1. TAC 69057. 90/02/13. COTTLE,W.T. System Energy Resources, Inc. 1p. 52689:037-52689:040.
- 9002220165** Safety evaluation supporting deviation from Reg Guide 1.97 requirement for narrow range drywell pressure instrument.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. 2pp. 52689:038-52689:040.
- 9002220462** Forwards supplemental safety evaluation re conformance to Reg Guide 1.97,Rev 3 re emergency response capability,BWR Owners Group position on neutron flux monitoring rejected. Util must install instrumentation per Category 1 criteria.  
BLACK,S.C. Assistant Director for Projects. TAC 51074. 90/02/08. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52698:139-52698:181.
- 9002220464** Supplemental safety evaluation on util conformance to Rev 3 to Reg Guide 1.97 re emergency response capability.Facility design acceptable except for variables for core spray flow, LPCI flow,RHR sys flow & HX outlet temp.  
\* NRC - No Detailed Affiliation Given. 90/02/08. 4pp. 52698:148-52698:181.
- 9002220744** Forwards 900129 ltr & safety evaluation accepting BWR Owners Group position re post-accident neutron flux monitoring as alternative to Category 1 recommendations,per Reg Guide 1.97.  
PAULSON,W.A. Project Directorate IV. 90/02/07. DEDDENS,J.C. Gulf States Utilities Co. 4pp. 52689:192-52689:195.
- 9002230445** Forwards Safety Insp Repts 50-334/89-25 & 50-412/89-23 on 891204-08 & notice of deviation.  
HODGES,M.W. Region 1, Ofc of the Director. 90/02/07. SIEBER,J.D. Duquesne Light Co. 2pp. 52702:016-52702:032.
- 9002230449** Notice of deviation from insp on 891204-08.Deviation noted: installed instrumentation for Unit 1 steam generator level wide range has no isolation device between instrument loops & Unit 2 stated recorders not seismically qualified.  
\* Region 1, Ofc of the Director. 50-412/89-23. 90/02/07. 2pp. 52702:018-52702:019.
- 9002230451** Insp Repts 50-334/89-25 & 50-412/89-23 on 891204-08. Deviations noted.Major areas inspected:licensee implementation of Reg Guide 1.97,Rev 3 for post-accident monitoring instrumentation.  
PAOLINO,R.J., ANDERSON,C.J. Region 1, Ofc of the Director. 50-412/89-23. 90/02/07. 13pp. 52702:020-52702:032.

### REVIEW GRP NRC RESEARCH REVIEW GROUPS

- 9001310049** Notifies of CRGR Meeting 176 on 900125 in Rockville,MD to review proposed SECY & generic ltr suppl on containment performance improvement re individual plant exams & proposed rule on 10CFR52 licensing of nuclear power plants.  
JORDAN,E.L. Committee to Review Generic Requirements. 90/01/17. ARLOTTO,G.A. Office of Nuclear Material Safety & Safeguards,Director. MOORE,J.E. Office of the General Counsel (Post 860701). REYES,L.A. Region 2, Ofc of the Director. 2pp. 52503:289-52503:290.
- 9001310071** Notification of 900131 meeting w/NUMARC & lead plant licensees in Rockville,MD to discuss new STS.  
LOBEL,R.M. Technical Specifications Branch. 90/01/22. CALVO,J.A. Technical Specifications Branch. 2pp. 52503:291-52503:292.
- 9001310094** Summary of 900112 meeting w/NUMARC in Rockville,MD re development of new STS.  
REINHART,M. Technical Specifications Branch. 90/01/19. CALVO,J.A. Technical Specifications Branch. 3pp. 52498:185-52498:187.
- 9001310097** Summary of 900116-18 meeting w/NUMARC in Rockville,MD to answer questions on new STS.  
REINHART,M. Technical Specifications Branch. 90/01/19. CALVO,J.A. Technical Specifications Branch. 3pp. 52498:182-52498:184.
- 9002010242** Forwards working draft Rev 3 to Reg Guide 1.9,Task RS 802-5, "Selection,Design,Qualification,Testing & Reliability of Diesel Generator Units Used As Class 1E Onsite Electric Power Sys at Nuclear Power Plants."  
SERKIZ,A.W. Reactor Plant Safety Issues Branch. 90/01/22. MARION,A. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 1p. 52531:322-52531:356.
- 9002010286** Working draft Rev 3 to Reg Guide 1.9,Task RS 802-5, "Selection,Design,Qualification,Testing & Reliability of Diesel Generator Units Used As Class 1E Onsite Electric Power Sys at Nuclear Power Plants."  
\* NRC - No Detailed Affiliation Given. 89/11/28. 34pp. 52531:323-52531:356.
- 9002020117** Notification of 900202 meeting w/NUMARC in Rockville,MD to discuss new STS electrical section.  
EMCH,R.L. Technical Specifications Branch. 90/01/24. CALVO,J.A. Technical Specifications Branch. 2pp. 52529:316-52529:317.
- 9002070440** Forwards info re design reconstitution efforts,consisting of survey observations gained from visiting six utils & one NSSS vendor.  
GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 90/01/30. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 5pp. 52587:187-52587:191.
- 9002080167** Expresses appreciation in assuring that promised info re listed action items,received by 900215,to support preparation of rept documenting accomplishments of project.  
DENNIG,R.L. Trends & Patterns Analysis Branch. 90/01/30. SMITH,W. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 2pp. 52609:344-52609:345.
- 9002080248** Notifies of CRGR Meeting 179 on 900207 in Bethesda,MD to review draft bulletin on loss of fill-oil in transmitters mfg by Rosemount & proposed generic ltr to correct error in BWR critical power ratio involving channel box bow.  
JORDAN,E.L. Committee to Review Generic Requirements. 90/01/30. ARLOTTO,G.A. Office of Nuclear Material Safety & Safeguards,Director. MOORE,J.E. Office of the General Counsel (Post 860701). REYES,L.A. Region 2, Ofc of the Director. 2pp. 52593:170-52593:171.
- 9002090243** Summary of 900119 meeting w/NUMARC re concerns related to NRC positions on implementation of Generic Ltr 89-10, "Safety-Related Motor-Operated Valve Testing & Surveillance."  
SCARBROUGH,T.G. Mechanical Engineering Branch. GL-89-10. 90/01/31. MARSH,L.B. Mechanical Engineering Branch. 2pp. 52599:190-52599:191.
- 9002120274** Summary of CRGR Meeting 176 on 891220 re proposed Commission paper on final rule entitled, "Storage of Spent Fuel in NRC- Approved Storage Casks at Nuclear Power Reactor Sites" & proposed Rev 3 to Reg Guide 1.9.W/o stated encls.  
JORDAN,E.L. Committee to Review Generic Requirements. 90/01/19. TAYLOR,J.M. Ofc of the Executive Director for Operations. 2pp. 52645:082-52645:083.
- 9002130150** Summary of 900131-0202 meeting w/NUMARC & owners groups to resolve outstanding issues re development of new STS Chapter 3.8 re containment sys.Forwards draft NUREG re improvements to Tech Spec surveillance requirements,W/o encls.  
LOBEL,R.M. Technical Specifications Branch. 90/02/06. CALVO,J.A. Technical Specifications Branch. 2pp. 52628:094-52628:095.

**9002130156** Summary of 891204 meeting w/NUMARC re individual plant exam for external events (IPEEE) schedule & NUMARC comments on draft IPEEE generic ltr. BAGCHI,G. External Events Steering Group. 90/02/05. SHAO,L. NRC - No Detailed Affiliation Given. 20pp. 52653:006-52653:025.

**9002130194** Partial response to FOIA request App N & O documents available in PDR. App O documents encl. App P documents withheld (ref FOIA Exemption 5). GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. PEPPERMAN,D.R. Blecher & Collins. 8pp. 52595:156-52595:239.

**-8902020007** Forwards comments on NUMARC proposed initiative re substandard non-safety-related circuit breakers at plants. Initiative generally responsive to concerns raised in NRC Bulletin 88-010. MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). IEB-88-010. 89/01/26. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 5pp. 52595:241-52595:245.

**-8903020228** Forwards NRC comments on NUMARC draft clarification of NRC Bulletin 88-10, per NRC/NUMARC 881221 meeting. MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). IEB-88-010. 89/02/17. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 2pp. 52595:246-52595:249.

**-890520278** Clarifies NRC position re EPRI NP-5652, "Guideline for Utilization of Commercial-Grade Items in Nuclear Safety-Related Applications." App B applies to procurement process affecting components in nuclear power plants. TAYLOR,J.M. Office of Nuclear Reactor Regulation, Director (Post 870411). 89/05/16. COLVIN,J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 63pp. 52596:112-52596:209.

**-8906020259** Forwards summary of 890511 meeting w/NUMARC re licensees response to NRC Bulletin 88-010. Attendance list & handouts also encl. STONE,J.C. Project Directorate I-2. IEB-88-010. 89/05/17. BOGER,B.A. Assistant Director for Region I Reactors. 7pp. 52595:254-52595:276.

**-9002130229** Summary of 890405 meeting w/NUMARC & listed utilities to discuss vendor product quality issues. List of attendees encl. BRACH,E.W. Vendor Inspection Branch. 89/04/11. GRIMES,B.K. Division of Reactor Inspection & Safeguards (Post 870411). 3pp. 52595:250-52595:253.

**-9002130235** Advises that NRC will finalize Bulletin 88-010 suppl & forward document to CRGR for review. MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411). IEB-88-010. 89/06/29. RASIN,W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 1p. 52595:277-52595:306.

**9002130227** Summary of 900130 NUMARC briefing on status of accident mgt activities & NUMARC/EPRI-owners group interactions. List of attendees & sketch of overview of industry & NRC accident mgt activities encl. PALLA,R.L. Risk Applications Branch. 90/02/06. CONGEL,F. Division of Radiation Protection & Emergency Preparedness (Post 870411). 6pp. 52628:175-52628:181.

**9002130268** Partial response to FOIA request for records. App T & U records available in PDR. App U records encl. PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/12. PEPPERMAN,D. Blecher & Collins. 3pp. 52611:293-52611:323.

**-9002130273** Summary of 890829 meeting w/NUMARC to discuss recent activities undertaken by NUMARC re use of counterfeit materials by commercial nuclear power industry. STELLO,V. Ofc of the Executive Director for Operations. IEB-88-005. 88/09/13. Ofc of the Executive Director for Operations. 12pp. 52611:309-52611:320.

**9002140144** Final trip report of 890708-0827 visit to USSR re inspector exchange to develop understanding of methods used by Soviets to ensure adherence to design & operational requirements & specs for civilian PWR reactors. Related info encl. CALLAN,L.J. Region 4, Ofc of the Director. BROCHMAN,P.G. Region 3, Ofc of the Director. 90/01/31. TAYLOR,J.M. Ofc of the Executive Director for Operations. 21pp. 52650:283-52650:303.

**9002220054** Forwards NRC marked-up new STS Sections 3.6, "Containment," 3.7, "Plant Sys" & 3.8, "Electrical" & first drafts for Sections 1.0, "Use & Application" & 3.0, "Applicability." Meeting will be held on 900321 to discuss new STS. CALVO,J.A. Technical Specifications Branch. 90/01/11. HALL,W.J. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 2,570pp. 52659:001-52666:050.

# SECY POSITION PAPERS BEFORE THE COMMISSION

**8908090106** SECY-89-233 Requests approval to publish for public comment amendments to 10CFR40 to provide procedure to license custody & long-term care of decommissioned U or thorium mill tailing sites. TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/08/03. 71pp. 52472:061-52472:175.

**8911140324** SECY-89-341 Responds to Commission 890706 & 0731 requests for updated LWR source term methodology & potential regulatory applications. TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/11/06. 18pp. 52461:180-52461:197.

**8912050015** SECY-89-350 Provides background info on technical issues & proposed plan to process CANDU 3 Nuclear Power Plant application in response to AECL Technologies intent to seek design certification under 10CFR52. TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/11/21. 25pp. 52472:176-52472:200.

**9001030318** SECY-89-382 Responds to Commission request to provide periodic program report following 890515 briefing on efforts to implement Section 5062 of Public Law 100-203 re plutonium air transport packages. TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/12/27. 2pp. 52472:226-52472:227.

**9001040195** SECY-89-380 Repts results of studies re sabotage protection at nonpower reactors & informs of NRC position re protection against theft of highly enriched U fuel at nonpower reactors. TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/12/21. 4pp. 52472:222-52472:225.

**9001100201** SECY-89-386 Weekly info report for wk ending 891222. BLAHA,J.L. Assistant for Operations (Post 890205). 89/12/28. 46pp. 52472:228-52472:267.

**9001110094** SECY-90-006 Weekly info report for wk ending 891229. BLAHA,J.L. Assistant for Operations (Post 890205). 90/01/04. 34pp. 52472:271-52472:300.

**9001240321** SECY-90-005 Informs Commission about effectiveness of nuclear power industry operator licensing training programs. TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/01/03. 3pp. 52472:268-52472:270.

**9001240322** SECY-90-008 Provides Commission info re Intl OSART insps of nuclear power plants & to respond to SRM M890601B. TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/01/05. 44pp. 52472:301-52472:344.

**9001290179** Forwards listed SECY papers & related documents for placement in PDR. BATES,O. Operations Branch. 90/01/24. Document Control Branch (Document Control Desk). 1p. 52472:060-52472:060.

**9001290182** SECY-89-378 Informs Commission of dissolution of Waste Mgt Review Group & provides info on basis for action & on how Waste Mgt Review Group activities will be accommodated. TAYLOR,J.M. Ofc of the Executive Director for Operations. 89/12/21. 21pp. 52472:201-52472:221.

**9001290254** SECY-90-015 Informs Commission of results of NRR/AEOD meetings re comparison of proposed maintenance indicator w/ maintenance team inspection results. TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/01/11. 3pp. 52738:065-52738:067.

**9001290264** SECY-90-021 Provides results of public workshop on technical & policy considerations for nuclear power plant license renewal. TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/01/17. 113pp. 52737:308-52738:061.

**9001290269** SECY-90-023 Provides Commission w/semiannual status report of staff actions resulting from Commission directives re Mark I Containment Performance Improvement Program. TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/01/17. 3pp. 52738:062-52738:064.

**9001300102** SECY-90-017 Discusses rotation of membership of Advisory Committee on Medical Uses of Isotopes. PARLER,W.C. Office of the General Counsel (Post 860701). 90/01/12. 10pp. 52737:298-52737:307.

**9002160097** Forwards SECY-90-032, "Quarterly Progress Report on Prelicensing Phase of DOE Civilian High Level Radwaste Mgt Program." DOE could not provide detailed milestone schedule to support Sept 1990 date. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director. HLWR. 90/02/11. ROUSSO,S. Energy, Dept. of. 4pp. 52654:117-52654:131.

**-9002080009** SECY-90-032 Provides quarterly progress report on prelicensing phase of DOE civilian high level radwaste mgt program. TAYLOR,J.M. Ofc of the Executive Director for Operations. HLWR. 90/01/29. 11pp. 52654:121-52654:131.

**9002220049** SECY-90-044 Litigation Report 1990-08 re Shoreham-Wading River Central School District & Scientists & Engineers for Secure Energy, Inc vs NRC dismissed on 900122 for lack of reviewable final order. CORDDES,J.F. Solicitor (Post 860701). 2,206. 90/02/09. 4pp. 52671:063-52671:066.

**9002230129** SECY-90-002 Requests Commission approval of proposed response to DOE re proposed retransfer of highly enriched U from Japan to France for cold scrap recovery. SHEA,J.R. International Programs. 90/01/03. 11pp. 52714:192-52714:202.

# STATE PROG STATE PROGRAMS

**9001290024** Notification of contract execution, Mod 9, to "Radiation Monitoring Program Requirements." Contractor: State of MD. CRAMPTON,S.A. Contract Administration Branch. FIN B-8353-0. NRC-28-83-608. 90/01/22. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN,J. NRC - No Detailed Affiliation Given. 1p. 52451:335-52451:337.

**-9001290029** Mod 9, providing CY90 funding, to "Radiation Monitoring Program Requirements." \* Maryland, State of. BELL,S. Division of Contracts & Property Management (Post 890205). FIN B-8353-0. NRC-28-83-608. 90/01/22. 2pp. 52451:336-52451:337.

**9001290061** Notification of contract execution, Mod 9, to "Radiation Monitoring Program Requirements." Contractor: Commonwealth of MA. CRAMPTON,S.A. Contract Administration Branch. FIN B-8350-0. NRC-28-83-606. 90/01/19. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN,J. NRC - No Detailed Affiliation Given. 1p. 52451:332-52451:334.

**-9001290063** Mod 9, providing CY90 funds & revising rate of payment under Paragraph B of statement of work, to "Radiation Monitoring Program Requirements." \* Massachusetts, Commonwealth of. MACE,M.H. Division of Contracts & Property Management (Post 890205). FIN B-8350-0. NRC-28-83-606. 90/01/19. 2pp. 52451:333-52451:334.

**9001290068** Notification of contract execution, Mod 9, to "Radiation Monitoring Program Requirements." Contractor: State of VT. CRAMPTON,S.A. Contract Administration Branch. FIN B-8351-0. NRC-28-83-605. 90/01/22. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN,J. NRC - No Detailed Affiliation Given. 1p. 52469:157-52469:159.

**-9001290079** Mod 9, providing CY90 funds, to "Radiation Monitoring Program Requirements." \* Vermont, State of. BELL,S. Division of Contracts & Property Management (Post 890205). FIN B-8351-0. NRC-28-83-605. 90/01/22. 2pp. 52469:158-52469:159.

## 212 NONDOCKETED ITEMS

- 9001290070** Forwards 890309 ltr from US Ecology re evaluation of environ monitoring program & pages from 1988 environ monitoring rept for tritium monitoring. ELSEN,M.J. Washington, State of. 90/01/19. DUNKELMAN,M. Office of Nuclear Material Safety & Safeguards,Director. 15pp. 52453:232-52453:246.
- 9001290071** Notification of contract execution,Mod 10,to "Radiation Monitoring Program Requirements." Contractor:State of NJ. CRAMPTON,S.A. Contract Administration Branch. FIN B-8354-0. NRC-28-83-609. 90/01/22. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN,J. NRC - No Detailed Affiliation Given. 1p. 52453:327-52453:329.
- 9001290075** Mod 10,providing CY90 funds & revising rate of payment under Paragraph B of statement of work,to "Radiation Monitoring Program Requirements." \* New Jersey, State of. BELL,S. Division of Contracts & Property Management (Post 890205). FIN B-8354-0. NRC-28-83-609. 90/01/22. 2pp. 52453:328-52453:329.
- 9001290200** Notification of contract execution,Mod 11,to "Radiation Monitoring Program Requirements." Contractor:State of NY Dept of Health. CRAMPTON,S.A. Contract Administration Branch. FIN B-8355. NRC-28-83-610. 90/01/23. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). KOTTAN,J. NRC - No Detailed Affiliation Given. 1p. 52469:092-52469:094.
- 9001290204** Mod 11,providing funds,revising Article V & incorporating TLD program,to "Radiation Monitoring Program Requirements." \* New York, State of. BELL,S. Division of Contracts & Property Management (Post 890205). FIN B-8355. NRC-28-83-610. 90/01/23. 2pp. 52469:093-52469:094.
- 9001300071** Informs that State of ME has no objections to Proposed Tech Spec Change 152 re operating parameters for Cycle 12. DOSTIE,P.J. Maine, State of. 90/01/22. Document Control Branch (Document Control Desk). 1p. 52490:058-52490:058.
- 9001300259** Confirms 891117 discussion between RL Woodruff,WW Cobey & DH Brown re NRC review of radiation control program.Program for regulation of agreement matts adequate to protect public health & safety.Policies for review of program encl. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111). 90/01/23. COBEY,W.W. North Carolina, State of. 6pp. 52470:281-52470:286.
- 9001300265** Responds to Watkins 891129 request for comments on proposed schedules in DOE/RW-0247, "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program." LOUX,R.R. Nevada, State of. HLWR. 90/01/12. ROUSSO,S. Energy, Dept. of. 11pp. 52502:050-52502:060.
- 9001300385** Advises that licensee Jul 1988 site stabilization & closure plan for low level radwaste site near Richland,WA does not meet regulatory performance objectives & license conditions. Addl measurements & closure cap design must be performed. ROBERTSON,G. Washington, State of. 89/11/14. CARPENTER,S. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 3pp. 52498:321-52498:323.
- 9001310142** Notification of contract execution,Mod 12,to "Radiation Monitoring Program Requirements." Contractor:State of OR. CRAMPTON,S. Contract Administration Branch. FIN B-8554-0. NRC-32-83-685. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52514:038-52514:040.
- 9001310146** Mod 12,obligating CY90 funds,to "Radiation Monitoring Program Requirements." \* Oregon, State of. BELL,S. Contract Administration Branch. FIN B-8554-0. NRC-32-83-685. 90/01/25. 2pp. 52514:039-52514:040.
- 9001310149** Notification of contract execution,Mod 13,to "Radiation Monitoring Program Requirements." Contractor:State of CA. CRAMPTON,S. Contract Administration Branch. FIN B-8553-0. NRC-32-83-684. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52531:044-52531:046.
- 9001310153** Mod 13,obligating CY90 funds,to "Radiation Monitoring Program Requirements." \* California, State of. BELL,S. Contract Administration Branch. FIN B-8553-0. NRC-32-83-684. 90/01/25. 2pp. 52531:045-52531:046.
- 9001310155** Notification of contract execution,Mod 13,to "Radiation Monitoring Program Requirements." Contractor:State of WA. CRAMPTON,S. Contract Administration Branch. FIN B-8551-0. NRC-32-83-682. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52514:031-52514:033.
- 9001310162** Mod 13,providing CY90 funds,to "Radiation Monitoring Program Requirements." BELL,S. Washington, State of. BELL,S. Contract Administration Branch. FIN B-8551-0. NRC-32-83-682. 90/01/25. 2pp. 52514:032-52514:033.
- 9001310166** Notification of contract execution,Mod 12,to "Radiation Monitoring Program Requirements." Contractor:State of AZ. CRAMPTON,S. Contract Administration Branch. FIN B-8550-0. NRC-32-83-681. 90/01/25. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). TENBROOK,W. NRC - No Detailed Affiliation Given. 1p. 52514:011-52514:013.
- 9001310170** Mod 12,providing CY90 funds,to "Radiation Monitoring Program Requirements." \* Arizona, State of. BELL,S. Contract Administration Branch. FIN B-8550-0. NRC-32-83-681. 90/01/25. 2pp. 52514:012-52514:013.
- 9002010082** Provides agenda for meeting scheduled for 900117 in Tumwater,WA. ROBERTSON,G. Washington, State of. 90/01/10. KONWINSKI,G. Uranium Recovery Field Ofc, R4. 1p. 52531:062-52531:062.
- 9002010284** Notification of contract execution,Mod 12,to "Radiation Monitoring Program Requirements." Contractor:Bureau of Radiation Control,State of KS. CRAMPTON,S. Contract Administration Branch. FIN B-8510-0. NRC-31-84-502. 90/01/30. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLAS,J.B. NRC - No Detailed Affiliation Given. 1p. 52505:219-52505:220.
- 9002010268** Mod 12,providing CY90 funds to "Radiation Monitoring Program Requirements." \* Kansas, State of. MACE,M.H. Division of Contracts & Property Management (Post 890205). FIN B-8510-0. NRC-31-84-502. 90/01/30. 1p. 52505:220-52505:220.
- 9002010295** Requests that review commentaries for Malapai TFN 2 2/270 re byproduct disposal be ready for reply on 900201. SHAFER,R. Wyoming, State of. 90/01/08. ENGELMANN,R. Wyoming, State of. 1p. 52522:058-52522:058.
- 9002060347** Rev 3 to Amend 2/90 to "State of NH Radiological Emergency Response Plan." W/900205 ltr. FEIGENBAUM,T.C. Public Service Co. of New Hampshire. NYN-90030. 90/02/28. 57pp. 52555:197-52555:253.
- 9002070141** Notification of contract execution,Mod 14,to "Radiation Monitoring Program Requirements." Contractor:State of LA. CRAMPTON,S. Contract Administration Branch. FIN B-8502-0. NRC-31-83-669. 90/01/30. WEST,K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLS,J.B. NRC - No Detailed Affiliation Given. 1p. 52587:192-52587:194.
- 9002070148** Mod 14,providing CY90 funding,to "Radiation Monitoring Program Requirements." \* Louisiana, State of. MACE,M.H. Contract Administration Branch. FIN B-8502-0. NRC-31-83-669. 90/01/30. 2pp. 52587:193-52587:194.
- 9002080073** Final response to FOIA request for records.App A & B records encl & available in PDR. PHILIPS,J. Division of Freedom of Information & Publications Services (Post 890205). 90/02/06. READ,R. Employee's Legal Project. 3pp. 52567:184-52567:187.
- 9002080078** Advises that R Strome designated State of NH Liaison Officer per 830228 ltr. SUNUNU,J.H. New Hampshire, State of. 83/03/28. PALLADINO,N.J. Commissioners. 1p. 52567:187-52567:187.
- 9002080194** Comment supporting proposed rule 10CFR170, "Rev of Fee Schedules:Radioisotope Licenses & Topical Repts," w/listed improvements. GODWIN,A.V. Alabama, State of. 54FR49763 00026. 90/01/30. Docketing & Services Branch. 1p. 52567:128-52567:128.
- 9002080217** Comment on proposed rule 10CFR34, "ASNT Certification of Industrial Radiographers." Rule falls short of what may be needed to increase radiation safety in industry.Concurs w/State of TX position. DICUS,G.J. Arkansas, State of. 54FR47089 00027. 90/01/22. Docketing & Services Branch. 2pp. 52567:141-52567:142.
- 9002080275** Comment on proposed rule 10CFR34 re effectiveness of third party industrial radiography certification program.Undue emphasis being placed on safety exam as means to achieve goal of improved radiation safety. LACKER,D.K. Texas, State of. 54FR47089 00023. 90/01/09. NRC - No Detailed Affiliation Given. 3pp. 52567:164-52567:166.
- 9002080284** Comment on proposed rule 10CFR34 re third party certification for industrial radiographers.ASNT would not necessarily be only third party organization that could be recognized for training industrial radiographers. PARIS,R.D. Oregon, State of. 54FR47089 00022. 90/01/17. Docketing & Services Branch. 1p. 52567:169-52567:169.
- 9002090100** Ack receipt of 891228 ltr informing NRC of steps taken to correct violation noted in Insp Rept 40-8926/89-02 & informs that license termination will be pursued pending results of soil analysis for site. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/26. Wyoming, State of. 2pp. 52614:035-52614:036.
- 9002090114** Provides cost breakdown for licensee required surety amount. Amount based on estimates in licensee Apr 1989 annual rept & accounts for completion of Phase 1 & 2 work. HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/25. MOXLEY,M. Wyoming, State of. 3pp. 52626:266-52626:268.
- 9002120178** Clarifies 891211 comments on draft SER for plant full-term OL.Agency has confidence that population around plant EPZ could be evacuated in efficient & timely manner. CRAPAROTTA,J.J. New Jersey, State of. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52615:130-52615:130.
- 9002130097** Submits review of Kerr-McGee rept re plan to leave contaminated soils at Cimarron site near Crescent,OK & informs that groundwater threat posed by proposal to leave soils in place relatively low. MCHARD,D. Oklahoma, State of. 90/02/05. DAVIS,A.B. Region 3, Ofc of the Director. 7pp. 52646:057-52646:063.
- 9002130334** Responds to request contained within governor certification for State of ME to meet 1990 milestone of Low Level Radwaste Policy Amends Act of 1985.NRC did not approve certifications but forwarded matts to Congress & FR for publication. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. 90/02/02. MCKERNAN,J.R. Maine, State of. 4pp. 52648:222-52648:226.
- 9002130345** Verifies receipt of encl certification submitted by State of ME to meet Low Level Radwaste Policy Amends Act of 1985.W/o encl. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. 90/01/02. LYTLE,J.E. Energy, Dept. of. 1p. 52648:226-52648:226.
- 9002140126** Forwards corrected 900123 ltr re results of review of State of NC radiation control program.Apology extended for confusion caused by ref to "Deputy Director Terry & C McMahon." KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111). 90/02/02. COBEY,W.W. North Carolina, State of. 1p. 52653:110-52653:112.
- 9002140130** Submits corrected ltr confirming 891117 discussion following review & evaluation of state radiation control program. Comments state for prompt adoption of regulations needed to maintain compatibility w/NRC regulations. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111). 90/01/23. COBEY,W.W. North Carolina, State of. 2pp. 52653:111-52653:112.
- 9002140157** Forwards revised NRC Forms 396 & 398 re certifications of medical exam by facility licensee & personal qualifications statement,respectively.All applications for licenses should be submitted on revised forms no later than 900201. GALLO,R.M. Region 1, Ofc of the Director. 90/01/05. DIMEGLIO,A.F. Rhode Island, State of. 8pp. 52650:167-52650:174.



**9002140196** Notice of OMB review of info collection re NRC Form 241, "Rept of Proposed Activities in Non-Agreement States." Estimated total hours needed to complete review is 50 h. Estimates that 200 responses will need to be reviewed.  
AMENTA, J.A. Office of Information Resources Management (Post 890205). 90/01/16. 2pp. 52655:126-52655:127.

**TOPREP VENDOR REPORTS AND RELATED CORRESPONDENCE**

**9001290108** Advises that Rev 5 to QA plan consistent w/10CFR50, App B & acceptable, per addl info provided in 891030 ltr.  
GODY, A.T. Performance & Quality Evaluation Branch (Post 890101). 90/01/22. SCHERER, A.E. Combustion Engineering, Inc. 1p. 52469:091-52469:091.

**9001300042** Forwards Topical Rept PL-NF-89-005, "Qualification of Transient Analysis Methods for BWR Design & Analysis," for review & approval. Approval needed to support license amend prior to Unit 2 Cycle 5 startup scheduled for 910510.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/01/22. BUTLER, W.R. Project Directorate I-2. 2pp. 52530:001-52530:276.

**-9001300047** PL-NF-89-005 R00 "Qualification of Transient Analysis Methods for BWR Design & Analysis."  
EMMETT, J.H., KULICK, J.M., DODGE, C.E. Pennsylvania Power & Light Co. 89/12/21. 143pp. 52530:003-52530:276.

**9001300096** Requests that consolidated financial statements submitted to NRC by 891121 ltr re indirect transfer of C-E licenses be treated as confidential, per 10CFR2.790. Supporting affidavit encl.  
BURT, R.M. ASEA Brown Boveri, Inc. 90/01/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52490:294-52490:296.

**9001300184** Forwards "Response of BWR Mark II & Mark III Containments to Short-Term Station Blackout Severe Accident Sequences," submitted by ORNL.  
MINNERS, W. Division of Safety Issue Resolution (Post 880717). 90/01/22. SHERON, B. Division of Systems Research (Post 880717). GILLESPIE, F. Planning, Program & Management Support Branch (Post 870411). 1p. 52493:036-52493:036.

**-9001300186** ORNL/NRC/LTR-89/13 "Response of BWR Mark II & Mark III Containments to Short-Term Station Blackout Severe Accident Sequences."  
GREENE, S.R., HODGES, S.A., HYMAN, C.R. Oak Ridge National Laboratory. 89/12/29. Office of Nuclear Regulatory Research, Director (Post 860720). 250pp. 52493:037-52494:052.

**9001300278** Forwards errata to Rev 3 to BAW-1543, Tables 3-20 & E-1 of "Master Integrated Reactor Vessel Surveillance Program" reflecting changes in insertion schedule for A5 capsule for Davis-Besse & Crystal River.  
HOWELL, D.L. Babcock & Wilcox Operating Plant Owners Group. OG-626. 90/01/10. ELLIOT, B.J. NRC - No Detailed Affiliation Given. 2pp. 52490:321-52490:325.

**-9001300284** BAW-1543 ERR R03 Errata to Rev 3 to BAW-1543, "Master Integrated Reactor Vessel Surveillance Program" consisting of revised Tables 3-20 & E-1.  
\* BWR Owners Group. 90/01/10. 3pp. 52490:323-52490:325.

**9001310060** Discusses licensee 890720 request for increased fuel rod burnup limit, per CEN-386-P. Final safety evaluation will be issued by 900630.  
HEBDON, F.J. Project Directorate IV. 90/01/11. CAMPBELL, T.G. Arkansas Power & Light Co. 4pp. 52498:188-52498:191.

**9001310102** Provides addl info re surge line stratification at facility, per NRC Bulletin 89-011.W/exception of one heatup cycle, stratification observed in surge line determined to be within bounds of WCAP-12067, Rev 1.  
ROSEN, S.L. Houston Lighting & Power Co. IEB-88-011. 90/01/26. Document Control Branch (Document Control Desk). 5pp. 52514:054-52514:058.

**9001310209** Forwards proprietary Rev 1 to DPC-NE-2001, "Fuel Mechanical Reload Analysis Methodology for MARK-BW Fuel," adding section re ECCS analysis Interface criteria & making associated administrative changes. Rev withheld.  
TUCKER, H.B. Duke Power Co. 90/01/22. Document Control Branch (Document Control Desk). 3pp. 52503:165-52503:186.

**9001310210** Notification of 900125 meeting w/BWR Owners Group in Rockville, MD to discuss assumptions & mathematical model for radiological aspects of main condenser.  
TROTTIER, E. Project Directorate I-2. 90/01/24. MURLEY, T., SNIEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given. 5pp. 52514:041-52514:045.

**9002010224** Forwards proprietary UR 89-210, "SVEA-96 Critical Power Experiments on Full Scale 24-Rod Sub-Bundle," for review & approval as part of ongoing review of topical repts on BWR technology. Rept withheld (ref 10CFR9.5(4)).  
JONSSON, N.O. ASEA Brown Boveri, Inc. ABB-90-016. 90/01/24. JONES, R.C. Document Control Branch (Document Control Desk). 10pp. 52532:020-52532:029.

**9002010374** Advises that proprietary CEN-390 (V)-P, "Palo Verde Nuclear Generating Station Unit 1, End-of-Cycle 2 Fuel Exam Rept," contains trade secrets or proprietary commercial info & will be withheld from public disclosure per 10CFR2.790(b)(5).  
CHAN, T.L. Project Directorate V. 90/01/19. SCHERER, A.E. Combustion Engineering, Inc. 4pp. 52523:046-52523:049.

**9002020092** Requests that encl proprietary Topical Rept BAW-2094P, Rev 1, "Recirculation Steam Generators Kinetic Sleeve Qualification for 7/8-Inch OD Tubes" be withheld (ref 10CFR2.790), per 891130 license change application.  
COCKFIELD, D.W. Portland General Electric Co. 90/01/25. Document Control Branch (Document Control Desk). 1p. 52539:225-52539:225.

**9002020256** Forwards nonproprietary WCAP-11812 & proprietary WCAP-11811, "Indian Point Unit 2 Evaluation for Tube Vibration Induced Fatigue," per request for addl info re implementation of NRC Bulletin 88-002. Proprietary rept withheld (ref 10CFR2.790).  
BRAM, S.B. Consolidated Edison Co. of New York, Inc. IEB-88-002. 90/01/19. Document Control Branch (Document Control Desk). 8pp. 52546:280-52547:079.

**-9002020264** WCAP-11812 Nonproprietary "Indian Point Unit 2 Evaluation for Tube Vibration Induced Fatigue."  
CONNORS, H.J., FRICK, T.M., PITTERLE, T.A. Westinghouse Electric Corp. 88/05/31. 138pp. 52546:289-52547:066.

**-9002020291** Requests that proprietary WCAP-11811, "Indian Point Unit 2 Tube Fatigue Evaluation," be withheld from public disclosure (ref 10CFR2.790). Affidavit encl.  
WIESEMANN, R.A. Westinghouse Electric Corp. CAW-87-041. 88/05/09. MURLEY, T. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 52547:067-52547:079.

**9002020321** Notification of 900131 meeting w/B&W Nuclear Svcs Co in Rockville, MD to discuss safety valve design used in French nuclear plants. Change in meeting location noted. Meeting proprietary in nature.  
JONES, R.C. Reactor Systems Branch. 90/01/26. THADANI, A. Division of Systems Technology (Post 890827). 2pp. 52524:115-52524:116.

**9002050004** Requests that topical rept re ABB Atom critical power correlation for SVEA-96 BWR fuel assemblies be withheld.  
LINDNER, J. ASEA Brown Boveri, Inc. ABB-90-014. 90/01/24. RUBENSTEIN, L.S. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52542:020-52542:020.

**9002060051** Forwards proprietary NEDC-31687P, "Updated Safety Relief Valve Performance Requirements for JA Fitzpatrick Nuclear Power Plant," in support of unit 891220 proposed change to Tech Specs. Rept withheld (ref 10CFR2.790).  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). JPN-90-010. 90/01/16. LABARGE, D.E. Project Directorate I-1. 6pp. 52560:161-52560:166.

**9002060263** Forwards proprietary "ABB Atom Control Rod Drop Accident Analysis Methodology for BWR RAMONA-3B Computer Code" & "ABB Atom High Worth Control Rods for US BWRs Rod Drop Accident Analysis." Repts withheld (ref 10CFR2.790).  
JONSSON, N.O. ASEA Brown Boveri, Inc. ABB-90-015. 90/01/31. JONES, R.C. Reactor Systems Branch. 2pp. 52586:088-52586:098.

**-9002060267** Requests that proprietary RPA 89-112, "ABB Atom Control Rod Drop Accident Analysis..." & RPA 89-053, "ABB Atom High Worth Control Rods For US BWRs Rod Drop Accident Analysis," be withheld from public disclosure (ref 10CFR2.790).  
LINDNER, J. ASEA Brown Boveri, Inc. ABB-90-013. 90/01/31. RUBENSTEIN, L.S. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 52586:090-52586:098.

**9002070095** Forwards executed Amend 12 to Indemnity Agreement B-34, reflecting changes to 10CFR140, "Financial Protection Requirements & Indemnity Agreements," effective 890701.  
HOLDER, L.S. Dow Chemical Co. 90/01/23. DINITZ, I. NRC - No Detailed Affiliation Given. 3pp. 52604:227-52604:229.

**9002070144** Forwards "Nuclear Design Methodology Using CASMO-3/ Simulate-3P." Rept presents CASMO-3/Simulate-3P code sequence as reactor model for use in reload design calculations.  
TUCKER, H.B. Duke Power Co. 90/01/24. Document Control Branch (Document Control Desk). 32pp. 52586:243-52587:012.

**-9002070149** DPC-NE-1004 "Nuclear Design Methodology Using CASMO-3/Simulate-3P."  
\* Duke Power Co. 90/01/31. 98pp. 52586:275-52587:012.

**9002070157** Requests stated addl info re CODAT computer code in order to continue review of YAE-1710, "Yankee Nuclear Power Station Pilot Evaluation Rept for Plant License Renewal."  
SEARS, P.M. Project Directorate I-3. TAC 75795. 90/01/28. PAPANIC, G. Yankee Atomic Electric Co. 3pp. 52604:215-52604:217.

**9002070301** Forwards request for addl info re unit 881223 submittal of WCAP-12024 in response to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes," for response within 45 days of receipt of ltr.  
BEVAN, R. Project Directorate V. IEB-88-002. 90/01/30. COCKFIELD, D.W. Portland General Electric Co. 4pp. 52598:195-52598:198.

**9002080004** Notification of 900213 meeting w/GE in Rockville, MD to discuss new control rod design.  
WU, S.L. Reactor Systems Branch. 90/02/01. JONES, R.C. Reactor Systems Branch. 2pp. 52609:169-52609:170.

**9002080172** Notification of 900207 meeting w/GE in Rockville, MD to discuss neutron flux monitoring capability & plans for implementation of instrumentation that conform to Reg Guide 1.97.  
NEUBERRY, S. Instrumentation & Control Systems Branch. 90/02/01. THADANI, A.C. Division of Systems Technology (Post 890827). 2pp. 52609:346-52609:347.

**9002080351** Responds to NRC Bulletin 88-011 & forwards nonproprietary WCAP-12416, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line," & proprietary WCAP-12415. Proprietary rept withheld (ref 10CFR2.790(b)(4)).  
SHIFFER, J.D. Pacific Gas & Electric Co. IEB-88-011. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52612:314-52613:121.

**-9002080357** Requests that proprietary WCAP-12415, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line," be withheld (ref 10CFR2.790(b)(4)).  
WIESEMANN, R.A. Westinghouse Electric Corp. CAW-89-122. 89/12/18. MURLEY, T. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 52612:316-52612:325.

**-9002080361** WCAP-12416 Nonproprietary WCAP-12416, "Evaluation of Thermal Stratification for Diablo Canyon Units 1 & 2 Pressurizer Surge Line."  
COSLOW, B.J., MAURER, B.F., MUTYALA, B.R. Westinghouse Electric Corp. 89/11/30. 156pp. 52612:326-52613:121.

**9002090075** Forwards nonproprietary WCAP-12438-A & proprietary WCAP-11837-P-A, "Extension of Methodology for Calculating Transition Core DNBR Penalties." Proprietary rept withheld (ref 10CFR2.790).  
JOHNSON, W.J. Westinghouse Electric Corp. NS-NRC-90-3483. 90/01/31. JONES, R.C. Reactor Systems Branch. 2pp. 52634:181-52634:238.

## 214 NONDOCKETED ITEMS

- 9002090078 Requests that proprietary WCAP-11837-P-A, "Extension of Methodology For Calculating Transition Core DNBR Penalties," be withheld from public disclosure (ref 10CFR2.790).  
WIESEMANN, R.A. Westinghouse Electric Corp. AW-90-003. 90/01/31. JONES, R.C. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 52634:183-52634:193.
- 9002090080 WCAP-12438-A Nonproprietary "Extension of Methodology for Calculating Transition Core DNBR Penalties."  
SCHUEREN, P., MCATEE, K.R. Westinghouse Electric Corp. 90/01/31. 44pp. 52634:194-52634:238.
- 9002120264 Informs that future correspondence re Rev 1A to Topical Repts NUH-001 & NUH-002 be forwarded to listed address.  
MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. WJM-90-008. 90/01/30. ROBERTS, J. Fuel Cycle Safety Branch. 1p. 52644:011-52644:011.
- 9002120265 Forwards CEN-396(L)-P, "Verification of Acceptability of 1 Pin Burnup Limit of 60 MWD/Kg for St Lucie Unit 2" & affidavit requesting proprietary treatment of rept. SAGER, D.A. Florida Power & Light Co. L-90-21. 90/01/25. Document Control Branch (Document Control Desk). 8pp. 52627:112-52627:119.
- 9002120291 Forwards WCAP-12431, "Analysis of Capsule U From Comm Ed Byron Unit 2 Reactor Vessel Radiation Surveillance Program" & advises of no need to amend Tech Spec requirements providing pressure-temp limitations.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/02/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52645:227-52645:310.
- 9002120303 WCAP-12431 "Analysis of Capsule U From Comm Ed Byron Unit 2 Reactor Vessel Radiation Surveillance Program."  
TEREK, E., LIPPINCOTT, E.P., MEYER, T.A. Westinghouse Electric Corp. 89/10/31. 83pp. 52645:228-52645:310.
- 9002120331 Forwards WCAP-12464, "VC Summer Nuclear Station Natural Circulation Evaluation Program Rept." Rept provides info to resolve Branch Technical Position RSB 5-1, "Design Requirements for RHR Sys" for facility per 890719 telcon.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/26. HAYES, J.J. Document Control Branch (Document Control Desk). 1p. 52615:198-52615:220.
- 9002120333 WCAP-12464 "VC Summer Nuclear Station Natural Circulation Evaluation Program Rept."  
STERRETT, C.R., HANSON, J.P., BEER, R.W. Westinghouse Electric Corp. 89/12/31. 22pp. 52615:199-52615:220.
- 9002120365 Forwards proprietary "Safety Analysis Physics Parameters & Multidimensional Reactor Transients Methodology." Three repts describing EPRI computer code also encl. Proprietary rept withheld (ref 10CFR2.790).  
TUCKER, H.B. Duke Power Co. 90/01/29. Document Control Branch (Document Control Desk). 6pp. 52644:012-52644:320.
- 9002120370 EPRI NP-6614 "ARROTTA-HERMITE Code Comparison." final rept.  
\* Combustion Engineering, Inc. 89/12/31. 110pp. 52644:075-52644:184.
- 9002130203 Partial response to FOIA request for records. App D & E records available in PDR. App F records encl. App F records withheld in entirety (ref FOIA Exemptions 5 & 7).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/02/08. ROLFE, R.M. Hutton & Williams. 5pp. 52595:084-52595:134.
- 9002130209 Discusses interview of confidential source in Feb 1983 re TDI, alleging alterations of heat numbers on steel used for mfg of diesel engine auxiliary skids & use of non-nuclear grade of fasteners for attaching components to skid.  
COLLINS, J.T. Region 4, Ofc of the Director. 83/10/07. HERR, R.K. Office of Investigations (Pre 880201). 43pp. 52595:092-52595:134.
- 9002130214 Trip rept of 850603-07 visit to TDI re status of previous insp items, Part 21 review, procedural coverage & plant tour.  
BURNS, T.F. Brookhaven National Laboratory. 85/06/14. BAKER, E. Vendor Program Br, Div of QA, Safeguards & Insp Programs, IE (830103-850212). 10pp. 52595:143-52595:152.
- 9002130219 Summarizes & concludes NRC search for documents requested in 861031 subpoena duces tecum.  
JENSEN, E.N. Office of the General Counsel (Post 860701). 87/03/30. ROSS, T.E. Downey, Brand, Seymour & Rohwer. 3pp. 52595:153-52595:155.
- 9002130310 Forwards SER denying 891220 request for extension of date to install neutron flux monitor. Reg guide 1.97 requirements for flux monitoring following accident appropriate & proposed alternative criteria in GE Rept NEDO-31558 unacceptable.  
KINTNER, L.L. Project Directorate II-1. TAC 87974. 90/02/02. COTTLE, W.T. System Energy Resources, Inc. 3pp. 52646:133-52646:142.
- 9002130313 Advises that Category 1 designation & associated lower range for neutron flux monitoring equipment appropriate, therefore proposed report NEDO-31558 unacceptable & neutron flux equipment must be environmentally qualified per 10CFR50.49.  
MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 90/01/29. FLOYD, S.D. Babcock & Wilcox Operating Plants Owners Group. 1p. 52646:136-52646:136.
- 9002130318 SER denying licensing Topical Rept NEDO-31558, "Position on Reg Guide 1.97, Requirements for Post-Accident Neutron Flux Monitoring Sys."  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/02. 6pp. 52646:137-52646:142.
- 9002130360 Forwards addl matl re RELAP5/MOD2 Topical Rept, BAW-10168P, consisting of justification for use of McEligot heat transfer correlation for Reynolds numbers less than 2,000.  
TAYLOR, J.H. Babcock & Wilcox Co. JHT/90-9. 90/01/30. WILSON, V. Planning, Program & Management Support Branch (Post 870411). 4pp. 52647:096-52647:099.
- 9002140135 Clarifies util 900123 response to NRC request for addl info re HPSI pump operability in Mode 3. Util used uncertainty of 10% in determining fission product decay heat. Mode 3 will not be entered until 900228, W/CENPD-254-P-A, Rept withheld.  
CREEL, G.C. Baltimore Gas & Electric Co. TAC 75562. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52650:199-52650:201.
- 9002140201 Forwards proprietary "HB Robinson Unit 2, Cycle 14 SAR" & "Mechanical Licensing Rept for HB Robinson High Thermal Performance Fuel Assemblies." Repts withheld (ref 10CFR2.790).  
CUTTER, A.B. Carolina Power & Light Co. NLS-90-010. 90/02/06. Document Control Branch (Document Control Desk). 12pp. 52668:198-52668:209.
- 9002140210 Forwards safety evaluation accepting util second 10-yr interval insp program plan. Technical evaluation rept also encl.  
CAPPA, R.A. Project Directorate I-1. TAC 67094. 90/01/11. CREEL, G.C. Baltimore Gas & Electric Co. 4pp. 52653:067-52653:109.
- 9002140225 EGG-MS-8403 "Second 10-Yr Interval Inservice Insp Program: BG&E, Calvert Cliffs Nuclear Power Plant, Units 1 & 2," technical evaluation rept.  
BROWN, B.W., MUDLIN, J.D. EG&G Idaho, Inc. (subs. of EG&G, Inc.). BROWN, B.W. Idaho National Engineering Laboratory, FIN D-6022. 89/07/31. NRC - No Detailed Affiliation Given. 34pp. 52653:076-52653:109.
- 9002160086 Discusses error in RELAP5/MOD2 Topical Rept BAW-10168P re definition of beta squared as ratio of blocked area to channel area. Correct equation listed.  
TAYLOR, J.H. Babcock & Wilcox Co. JHT/90-8. 90/01/30. WILSON, V. Planning, Program & Management Support Branch (Post 870411). 1p. 52657:326-52657:326.
- 9002160090 Application for amend to License NPF-47, revising Div I & II diesel generator crankshaft insp scheduling contained in Attachment 3 to license & Surveillance Requirement 4.8.1.1. Change requested prior to third refueling outage.  
DEDDENS, J.C. Gulf States Utilities Co. RBG-32247. 90/02/02. Document Control Branch (Document Control Desk). 8pp. 52657:327-52657:336.
- 9002160094 Proposed Tech Specs re TDI diesel engine crankshaft insp schedule.  
\* Gulf States Utilities Co. 90/02/02. 2pp. 52657:335-52657:336.
- 9002200558 Notification of 900228 meeting w/B&W Owners Group in Rockville, MD to discuss ongoing owners group activities.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/02/07. MURLEY, T., SNEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given. 2pp. 52671:073-52671:074.
- 9002201070 Advises that 891201 Rev 57 to QA Topical Rept CE-1-A consistent w/provisions of 10CFR50, App B & acceptable.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. REED, C. Commonwealth Edison Co. 2pp. 52679:210-52679:211.
- 900220352 Forwards WCAP-12500, "Addl Info in Support of Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Watts Bar Units 1 & 2," in response to NRC 891213 request.  
RAY, M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52671:075-52671:085.
- 900220357 WCAP-12500 "Addl Info in Support of Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Watts Bar Units 1 & 2."  
WITTF, J., SCHMERTZ, J.C., SWAMY, S.A. Westinghouse Electric Corp. 90/01/31. 10pp. 52671:077-52671:085.
- 9002207043 Application for amend to License NPF-3, revising Tech Spec Bases Sections 2.1.1, 2.1.2, 2.2.1, 3/4.2.3/4.2.5 & 3/4.4.1 to reflect Cycle 7 core reload. B&W Fuel Co Rept BAW-2096 & Document 86-1177306-00 encl.  
SHELTON, D.C. Toledo Edison Co. 1760. 90/02/05. Document Control Branch (Document Control Desk). 6pp. 52683:171-52683:276.
- 9002207046 BAW-2096 "Davis-Besse Nuclear Power Station Unit 1, Cycle 7 - Reload Rept."  
\* B&W Fuel Co. 89/11/30. 67pp. 52683:189-52683:257.
- 9002230494 Grants 900125 request to withhold CEN-396(L)-P, "Verification of Acceptability of 1-Pin Burnup Limit of 60MWD/Kg For St Lucie Unit 2."  
NORRIS, J.A. Project Directorate II-2. 90/02/16. SCHERER, A.E. Combustion Engineering, Inc. 3pp. 52702:013-52702:015.

### WASTE MGT NUCLEAR WASTE MANAGEMENT

- 9001250156 Forwards Beatty, NV low level radwaste disposal facility docs including state license, Rev 0 to facility stds manual, contingency plan & operational procedures.  
ADAMS, S.R. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/01/10. MCDOUGALL, R. Operations Branch. 23pp. 52460:048-52461:171.
- 9001250157 Rev 0 to "Facility Std Manual."  
\* U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 89/08/01. 77pp. 52460:073-52460:154.
- 9001300345 "Beatty, NV Low Level Radwaste Disposal Facility Radiological Contingency Plan."  
\* U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/01/10. 40pp. 52460:155-52460:194.
- 9001300347 "Beatty Operational Procedures."  
\* U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/01/10. 400pp. 52460:195-52461:171.
- 9001290294 Informs of completion of tape inventory control form re scientific codes & data on tape storage media. Author does not foresee frequent use of codes in next few yrs. Specifics re status & conversion of codes encl.  
GNUGNOLI, G. Operations Branch. 90/01/24. ROBINSON, E. Information Technology Services Branch. 5pp. 52468:347-52469:351.
- 9001290330 Responds to 891025 ltr re D Brown concerns related to qualifications & training of personnel of Holmes & Narver. Policy of DOE for personnel that conduct QA audits for DOE contractors have access to records necessary for audit.  
ROUSSE, S. Energy, Dept. of. HLWR. 90/01/05. BILBRAY, J.H. House of Rep. 2pp. 52502:352-52502:353.
- 9001300007 Summary of 900117 meeting w/NuPac in Rockville, MD re disposal of activated metal components.  
SURMEIER, J.J. Technical Branch. 90/01/29. LOHAUS, P.H. Operations Branch. 2pp. 52492:330-52492:331.

- 9001300040 Memo of Agreement between Ofc of Radwaste Mgt (OCRWM) & State of NV Operations Ofc re conduct of work undertaken by Yucca Mountain Project in support of OCRWM.  
ROUSSO,S., AQUILINA,N.C. Energy, Dept. of. HLWR. 89/09/28. 4pp. 52502:001-52502:004.
- 9001300051 Forwards EEG-43, "Preoperational Radiation Surveillance of Waste Isolation Pilot Plant Project by Environ Evaluation Group,1985-1988." Radionuclide data from analyses of water samples consistent w/other published findings for water.  
NEILL,R.H. Environmental Evaluation Group. NEILL,R.H. New Mexico Institute of Mining & Technology, Socorro, NM. HLWR. 90/01/23. LINEHAN,J. NRC - No Detailed Affiliation Given. 1p. 52502:180-52502:351.
- 9001300054 EEG-43 "Preoperational Radiation Surveillance of Waste Isolation Pilot Plant Project by Environ Evaluation Group."  
KENNEY,J. New Mexico Institute of Mining & Technology, Socorro, NM. RODGERS,J. Los Alamos National Laboratory. CHAPMAN,J. Desert Research Institute. HLWR. 90/01/31. 172pp. 52502:181-52502:351.
- 9001300111 Trip rept of author attendance at Seventh Thematic Conference on Remote Sensing for Exploration Geology at Calgary,Alberta,Canada on 891002-06.Summaries of papers presented at conference encl.  
LEFEVRE,H.E. Geoscience & Systems Performance Branch (Post 880911). HLWR. 90/01/25. BALLARD,R.L. Geoscience & Systems Performance Branch (Post 880911). 4pp. 52502:005-52502:049.
- 9001300116 Summaries of papers presented at Seventh Thematic Conference on Remote Sensing for Exploration Geology at Calgary,Alberta,Canada on 891002-06.  
\* Environmental Research Institute of Michigan. HLWR. 89/10/02. 41pp. 52502:009-52502:049.
- 9001300247 Press release re DOE comments on constructing dump at Yucca Mountain.  
\* Nevada, State of. 90/01/16. 23pp. 52502:157-52502:179.
- 9001300265 Responds to Watkins 891129 request for comments on proposed schedules in DOE/RW-0247, "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program."  
LOUX,R.R. Nevada, State of. HLWR. 90/01/12. ROUSSO,S. Energy, Dept. of. 11pp. 52502:050-52502:060.
- 9002010042 Notification of 900215-16 workshop w/CNWRA & Sandia in Bethesda,MD to review progress on performance assessment methodologies,provide for integration of ideas on performance assessment & establish future work under MOU.  
THOMAS,B.E. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/01/30. BALLARD,R. Repository Licensing & Quality Assurance Project Directorate (881120). 7pp. 52530:288-52530:294.
- 9002010132 Requests listed addl info to complete review of vicinity property completion repts.  
HALL,R.E. Uranium Recovery Field Ofc, R4. 90/01/12. MATTHEWS,M.L. Energy, Dept. of. 3pp. 52531:065-52531:067.
- 9002010141 Requests access to Nevada Test Site on 900207 for technical exchange coordinated by DOE.Requests that badging be done at Mercury,NRC participants listed.  
PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. HLWR. 90/01/25. WEST,C. Energy, Dept. of. 1p. 52535:330-52535:330.
- 9002010313 Responds to 891204 ltr discussing recommendations re investigation of potential volcanism at Yucca Mountain site. DOE has taken initiative on early evaluation of suitability & pursuing integrated,multidisciplinary sys approach.  
STEIN,R. Energy, Dept. of. HLWR. 90/01/23. BROWNING,R.E. Division of High-Level Waste Management (Post 870413). 2pp. 52521:001-52521:005.
- 9002010404 Forwards notice of upcoming NRC/DOE technical/programmatic meetings.Bimonthly QA meeting scheduled on 900215 in Rockville,MD.ANCW briefing to Commission tentatively scheduled for 900221 in Rockville,MD.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/05. NRC - No Detailed Affiliation Given. 2pp. 52494:156-52494:157.
- 9002010411 Apologizes for delay in transmitting controlled copy of Study Plan 8.3.1.2.1, "Mineralogy,Petrology & Chemistry of Transport Pathways."  
GERTZ,C.P. Energy, Dept. of. HLWR. 90/01/26. LOUX,R.R. Nevada, State of. 1p. 52535:331-52535:331.
- 9002010415 Advises of closure of Std Deficiency Rept 247,Rev 0, resulting from Yucca Mountain project ofc QA Audit 88-05 of LLL.Deficiency covered lack of documentation in 19.X series procedures,per NUREG-0856.  
HORTON,D.G. Energy, Dept. of. HLWR. 90/01/26. JARDINE,L.J. Lawrence Livermore National Laboratory. 5pp. 52535:332-52535:336.
- 9002010419 Forwards Yucca Mountain project ofc FY90 QA audit schedule, Rev 2.  
HORTON,D.G. Energy, Dept. of. HLWR. 90/01/26. GERTZ,C.P. Energy, Dept. of. 4pp. 52521:006-52521:009.
- 9002010429 Forwards 900125 ltr to J Watkins,Secretary of Energy,in response to DOE request for NRC comments on schedules incorporated in DOE "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program."  
TANA,E.T. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/01/31. NRC - No Detailed Affiliation Given. 1p. 52494:158-52494:160.
- 9002010437 Forwards refs re forthcoming calcite-silica vein deposits technical exchange not included in site characterization plan or Study 8.3.1.5.2.1, "Characterization of Yucca Mountain Quaternary Regional Hydrology."  
GERTZ,C.P. Energy, Dept. of. HLWR. 90/01/26. STABLEIN,K. Repository Licensing & Quality Assurance Project Directorate (881120). 55pp. 52535:337-52536:026.
- 9002020322 Forwards summary of 900109 NRC/DOE technical exchange on data mgt.DOE presented current plans for mgt & control of technical data on Yucca Mountain site,including overview of planned data mgt sys.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/02. STEIN,R. Energy, Dept. of. 1p. 52536:064-52536:122.
- 9002050005 Summary of 900109 NRC/DOE technical exchange on data mgt in Rockville,MD.Agenda,list of attendees & supporting data encl.  
STABLEIN,K. Division of High-Level Waste Management (Post 870413). HLWR. 90/01/31. Division of High-Level Waste Management (Post 870413). 58pp. 52536:065-52536:122.
- 9002050084 Forwards DOE/EIS-0026-FS, "Final Suppl EIS,Waste Isolation Pilot Plant." New info & changes in proposed action analyzed in EIS include changes in transuranic waste inventory, consideration of hazardous chemical constituents in waste.  
TWINING,B.G. Energy, Dept. of. HLWR. 90/02/05. NRC - No Detailed Affiliation Given. 2pp. 52536:127-52536:160.
- 9002050088 DOE/EIS-0026-FS "Final Suppl EIS,Waste Isolation Pilot Plant."  
\* Energy, Dept. of. HLWR. 90/01/31. 32pp. 52536:129-52536:160.
- 9002050183 Responds to 900130 ltr re new schedule for outstanding deliverables under FIN A-1165.Encl is list schedule for submitting remaining outstanding deliverables.All deliverables should be completed by 900531.  
BONANO,E.J. Sandia National Laboratories. FIN A-1165. HLWR. 90/02/01. TIKTINSKY,D. Program Management, Policy Development & Analysis Staff (Post 870413). 2pp. 52536:161-52536:162.
- 9002050191 Forwards Yucca Mountain project master list of controlled documents,identifying versions current as of 900126. Controlled copies of documents may be obtained at address listed.  
NELSON,J.H. Science Applications International Corp. (formerly Science Applications, Inc.). HLWR. 90/01/29. LINEHAN,J.J. NRC - No Detailed Affiliation Given. 29pp. 52536:163-52536:191.
- 9002060050 Forwards proposed agenda for Water Science & Technology Board meetings on 900215-16 in Washington,DC.  
PARKER,S.D. National Research Council. HLWR. 90/02/02. National Research Council. 4pp. 52550:040-52550:043.
- 9002060053 Forwards DOE weekly rept for wk ending 900119.  
PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. HLWR. 90/01/30. LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). 7pp. 52550:033-52550:039.
- 9002060289 Forwards "1989 DOE/States/Tribes UMTRAP Coordination Meeting Grand Canyon,AZ 891025-27."  
MATTHEWS,M.L. Energy, Dept. of. 90/02/01. GILLEN,D. NRC - No Detailed Affiliation Given. 3pp. 52585:080-52586:087.
- 9002060290 "1989 DOE/States/Tribes UMTRAP Coordination Meeting,Grand Canyon,AZ 891025-27."  
\* Energy, Dept. of. 89/10/27. 365pp. 52585:083-52586:087.
- 9002070153 Forwards minutes of 891213 bimonthly QA meeting between NRC,DOE & State of NV re effect of changes in "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program" on QA programs of DOE & DOE contractors.Viewgraphs encl.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/05. STEIN,R. Energy, Dept. of. 13pp. 52561:300-52562:092.
- 9002070166 DOE/RW-0247 "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program."  
\* Energy, Dept. of. HLWR. 89/11/30. 140pp. 52561:313-52562:092.
- 9002070182 Advises of approval of proposed agenda for first Performance Assessment Workshop scheduled for 900215-16,per 900109 suggestion.  
BALLARD,R. Geoscience & Systems Performance Branch (Post 880911). HLWR. 90/02/02. PATRICK,W.C. Center for Nuclear Waste Regulatory Analyses. 2pp. 52590:108-52590:119.
- 9002070190 Forwards comments on Technical Operating Procedure (TOP) 001-02 re development & preparation of info for program architecture support sys.Basic process & mods for data base content acceptable.  
ALTOMARE,P. Engineering Branch (Post 880911). HLWR. 90/01/31. MACE,M. Office of Administration (Post 890205). 5pp. 52590:120-52590:124.
- 9002070206 Trip rept of 891211-12 visit to Denver,CO to attend Hydrology & Geochemistry Nuclear Waste Technical Review Board meetings.Presentations focused on characterization of infiltration & radionuclide gas release.Viewgraphs encl.  
BROOKS,D., CHERY,D.L. Geoscience & Systems Performance Branch (Post 880911). HLWR. 90/02/02. BALLARD,R.L. Geoscience & Systems Performance Branch (Post 880911). 44pp. 52590:161-52590:204.
- 9002070339 Forwards Rev 3 to Yucca Mountain project ofc QA surveillance schedule for first quarter of FY90.  
GERTZ,C.P. Energy, Dept. of. HLWR. 90/02/01. KENNEDY,J.E. NRC - No Detailed Affiliation Given. 5pp. 52590:073-52590:077.
- 9002070345 Forwards closure of Std Deficiency Rept 162,Rev 0,resulting from Yucca Mountain project ofc QA Audit 88-04 of USGS. Recommends that audit of all USGS contractors on vendors list be conducted.  
HORTON,D.G. Energy, Dept. of. HLWR. 90/01/29. HAYES,L.R. Interior, Dept. of, Geological Survey. 9pp. 52590:064-52590:072.
- 9002070363 Forwards comments on draft Rept CNWRA 90-003, "Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60."  
ALTOMARE,P. Engineering Branch (Post 880911). NRC-02-88-005. HLWR. 90/02/02. WHITING,A. Center for Nuclear Waste Regulatory Analyses. 7pp. 52590:127-52590:160.
- 9002080079 Reviews CNWRA rept, "Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60." Rept inconsistent in making recommendations.  
POHLE,J. NRC - No Detailed Affiliation Given. HLWR. 90/01/22. BALLARD,R. NRC - No Detailed Affiliation Given. 6pp. 52590:134-52590:139.
- 9002080080 Submits reviews on CNWRA rept, "Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60."  
JUSTUS,P. NRC - No Detailed Affiliation Given. HLWR. 90/01/22. POHLE,J. NRC - No Detailed Affiliation Given. 1p. 52590:140-52590:140.
- 9002080081 Comments on CNWRA Rept 90-003.  
TRAPP,J. NRC - No Detailed Affiliation Given. HLWR. 90/01/22. JUSTUS,P. NRC - No Detailed Affiliation Given. 3pp. 52590:141-52590:143.

## 216 NONDOCKETED ITEMS

- 9002080084 Forwards comments on CNWRA rept, "Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60." Some uncertainties tied to related requirements specified by EPA rule.  
BUNTING, J. NRC - No Detailed Affiliation Given. HLWR. 90/01/30. LINEHAN, J. NRC - No Detailed Affiliation Given. 16pp. 52590:144-52590:159.
- 9002070368 Comments on CNWRA rept, "Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60."  
BALLARD, R. NRC - No Detailed Affiliation Given. HLWR. 90/01/23. LINEHAN, J.J. NRC - No Detailed Affiliation Given. 1p. 52590:160-52590:160.
- 9002070397 Forwards refs for Study Plan 8.3.1.3.2.1, "Mineralogy, Petrology & Chemistry of Transport Pathways."  
GERTZ, C.P. Energy, Dept. of. 90/02/01. LINEHAN, J.J. NRC - No Detailed Affiliation Given. 2pp. 52591:075-52591:329.
- 9002070405 "Bootstrapped Models for Intrinsic Random Functions," presented at MGUS-87 Conference on 870413-15 in Redwood City, CA.  
CAMPBELL, K. Los Alamos National Laboratory. 87/04/13. 35pp. 52591:077-52591:112.
- 9002070409 LA-11293-MS "Statistical Guidelines for Planning Limited Drilling Program."  
Los Alamos National Laboratory. HLWR. 88/06/30. 57pp. 52591:113-52591:169.
- 9002070411 LA-10927-MS "Minerals in Fractures of Saturated Zone from Drill Core USW G-4, Yucca Mountain, Nye County, NV."  
CARLOS, B.A. Los Alamos National Laboratory. HLWR. 87/04/30. 35pp. 52591:170-52591:204.
- 9002070418 SAND85-2037 "SANDIA TASK8: Subroutined Electron Microprobe Automation Sys."  
CHAMBERS, W.F. Sandia National Laboratories. HLWR. 85/11/30. 125pp. 52591:205-52591:329.
- 9002070453 Forwards Program Manager Periodic Rept 90-4 for period 891223-900119 & proprietary cost data. Cost data withheld.  
STILTENPOLE, B. NRC - No Detailed Affiliation Given. HLWR. 90/02/06. YOUNGBLOOD, B.J. Division of High-Level Waste Management (Post 870413). 2pp. 52591:330-52592:054.
- 9002070455 Forwards Program Manager Periodic Rept 90-04 on activities for period 891223-900119.  
LATZ, J.E. Center for Nuclear Waste Regulatory Analyses. NRC-02-88-005. HLWR. 90/02/02. FUNCHES, J.L. Division of High-Level Waste Management (Post 870413). 1p. 52591:332-52592:052.
- 9002070461 Program Manager Periodic Rept 90-04, "CNWRA Program Manager Periodic Rept on Activities of CNWRA for 891223-900119."  
\* Center for Nuclear Waste Regulatory Analyses. HLWR. 90/01/19. NRC - No Detailed Affiliation Given. 79pp. 52591:333-52592:052.
- 9002070464 Forwards proprietary cost portion of program manager periodic rept for period 891223-900119. Rept withheld.  
LATZ, J.E. Center for Nuclear Waste Regulatory Analyses. NRC-02-88-005. HLWR. 90/02/02. FUNCHES, J.L. Division of High-Level Waste Management (Post 870413). 2pp. 52592:053-52592:054.
- 9002070473 Clarifies statement made in NRC 900206 ltr forwarding minutes of 891213 QA meeting. Meeting dtd 900215 which was stated as canceled will be held as noticed & scheduled.  
LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/07. STEIN, R. Energy, Dept. of. 2pp. 52590:125-52590:126.
- 9002080220 Forwards responses to questions posed by Subcommittee on Nuclear Regulation in 891205 ltr, in followup to final rept to Congress. Not all analyses requested performed due to insufficient time.  
RADIN, A. Monitored Retrievable Storage Review Commission. 89/12/22. BREAU, J.B. Senate, Environment & Public Works. 65pp. 52608:011-52609:079.
- 9002090272 Forwards notice of upcoming meetings re NRC High Level Waste Mgt Program, per 840827 FR notice.  
LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/12. NRC - No Detailed Affiliation Given. 2pp. 52598:067-52598:068.
- 9002090361 Advises that effective date for completion of committed corrective action to Std Deficiency Rept 455, Rev 0, resulting from Yucca Mountain project ofc QA Audit 89-05 of Reynolds Electrical & Engineering Co, remained incomplete.  
HORTON, D.G. Energy, Dept. of. HLWR. 90/02/05. PRITCHETT, R.F. Reynolds Electrical & Engineering Co., Inc. 5pp. 52598:121-52598:125.
- 9002120037 Forwards info re Durango dewatering project drawdown measured at available wells on disposable cell on 891101-900102. Test results of clay liner & 1987 vicinity property winter cover samples also encl.  
MATTHEWS, M.L. Energy, Dept. of. 90/01/18. HAWKINS, E. Uranium Recovery Field Ofc, R4. 11pp. 52631:024-52631:034.
- 9002120047 Forwards Rev 1 to Project Interface Document 03-S-22, "Toe Drain to be Installed in East Slope of Disposal Embankment."  
MATTHEWS, M.L. Energy, Dept. of. 89/12/21. HALL, R. Uranium Recovery Field Ofc, R4. 5pp. 52631:068-52631:070.
- 9002120165 Advises that effective date for completion of committed corrective action to Std Deficiency Rept 222, Rev 0, passed w/ corrective action remaining incomplete. New completion date should be provided within 10 days of ltr date.  
HORTON, D.G. Energy, Dept. of. HLWR. 90/02/07. HERBST, R.J. Los Alamos National Laboratory. 12pp. 52635:142-52635:153.
- 9002120169 Accepts response to Std Deficiency Rept 443, Rev 0, resulting from Yucca Mountain project ofc QA Audit 89-03 of Sandia. Deficiency rept will be closed after verification of completion of corrective actions.  
HORTON, D.G. Energy, Dept. of. HLWR. 90/02/07. KENNEDY, J.E. NRC - No Detailed Affiliation Given. 5pp. 52635:171-52635:175.
- 9002120181 Monthly rept for Jan 1990 for FIN A-1165.  
BONANO, E.J. Sandia National Laboratories. FIN A-1165. HLWR. 90/02/15. TIKTINSKY, D.H. Division of High-Level Waste Management (Post 870413). 17pp. 52635:154-52635:170.
- 9002120202 Forwards Rev D to MK-F-UMTRA-30, "UMTRAP Green River, UT Remedial Action Insp Plan," for review & concurrence.  
MATTHEWS, M.L. Energy, Dept. of. 90/02/09. LOHAUS, P.H. Operations Branch. 1p. 52615:232-52615:250.
- 9002120205 Rev D to MK-F-UMTRA-30, "UMTRAP Green River, UT Remedial Action Insp Plan."  
\* MK-Ferguson Co. 90/01/22. 17pp. 52615:233-52615:250.
- 9002120216 Forwards compaction analysis of contaminated matl. for review.  
MATTHEWS, M.L. Energy, Dept. of. HLWR. 90/02/09. LOHAUS, P.H. Operations Branch. 1p. 52627:001-52627:046.
- 9002120218 10-536-10-0 "Final Calculations of Compaction of Contaminated Matls."  
GOODMAN, M., CHEN, P.K., STANBER, R. MK-Ferguson Co. 89/10/31. 12pp. 52627:002-52627:013.
- 9002120222 10-591-01-00 "Final Calculations of Compaction of Contaminated matls." W/one oversize figure.  
\* Morrison-Knudsen Engineers, Inc. 89/08/16. 31pp. 52627:014-52627:046.
- 9002120227 Forwards Vols I-V, to "Remedial Action Plan & Site Design for Stabilization of Inactive U Mill Tailings Sites at Rifle, CO." Info completes responses to NRC ltr re review of documents.  
MATTHEWS, M.L. Energy, Dept. of. 90/02/08. LOHAUS, P.H. Operations Branch. 2pp. 52618:001-52624:089.
- 9002120231 Vol 1-5 of "Remedial Action Plan & Site Design for Stabilization of Inactive U Mill Tailings Sites at Rifle, CO." W/one oversize encl.  
\* Energy, Dept. of. 90/02/28. 2247pp. 52618:003-52624:089.
- 9002120363 Rev 5 to YMP-USGS-QAPP-01, "USGS QA Program Plan for Yucca Mountain Project."  
WILLMON, J.R., HAYES, L.R., REYNOLDS, M.W. Energy, Dept. of. HLWR. 89/05/03. 128pp. 52645:099-52645:226.
- 9002130026 Responds to 891221 ltr re NRC plans for notifying DOE of receipt of documentation from states in response to 900101 milestone under Low Level Radwaste Policy Amends Act of 1985.  
LYTLE, J.E. Energy, Dept. of. 90/01/30. BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52646:360-52646:360.
- 9002130334 Responds to request contained within governor certification for State of ME to meet 1990 milestone of Low Level Radwaste Policy Amends Act of 1985. NRC did not approve certifications but forwarded matls to Congress & FR for publication.  
BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/02/02. MCKERNAN, J.R. Maine, State of. App. 52648:222-52648:226.
- 9002130345 Verifies receipt of encl certification submitted by State of ME to meet Low Level Radwaste Policy Amends Act of 1985. W/o encl.  
BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/01/02. LYTLE, J.E. Energy, Dept. of. 1p. 52648:226-52648:226.
- 9002130353 Forwards "Final Technical Evaluation Rept for Proposed Remedial Action at Shiprock Tailings Site, Shiprock, NM." NRC concurrence remains conditional. Condition results from issues addressed in rept re floodplain alluvial aquifer.  
LOHAUS, P.H. Operations Branch. 90/02/06. MATTHEWS, M. Energy, Dept. of. 1p. 52646:163-52646:214.
- 9002130358 "Final Technical Evaluation Rept for Proposed Remedial Action at Shiprock Tailings Site, Shiprock, NM."  
\* Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/01/31. 51pp. 52646:164-52646:214.
- 9002130365 Forwards Governor Certifications for listed states/ commonwealths for FR publication.  
LOHAUS, P.H. Operations Branch. 90/02/07. MEYER, D.L. Rules & Procedures Branch. 1p. 52647:109-52647:112.
- 9002130384 Notice of receipt of Governor Certifications for listed states per Low Level Radwaste Policy Amends Act of 1985, consisting of 1990 milestones.  
LOHAUS, P.H. Operations Branch. 90/02/07. 3pp. 52647:110-52647:112.
- 9002130374 Forwards hydrogeologic review of site final remedial action plan. Review technically complete & sufficient info provided for preparing final technical rept.  
STARMER, R.J. Technical Branch. 90/01/29. FLIEGEL, M. Operations Branch. 6pp. 52647:225-52647:232.
- 9002130377 Forwards recently completed technical evaluation repts for Spook, WY site & Beilfield/Bowman remedial action. W/o encl.  
LOHAUS, P.H. Operations Branch. 90/01/29. RICHARDSON, A. Environmental Protection Agency. 1p. 52646:152-52646:152.
- 9002130382 Transmits comments on draft State of IL Dept of Nuclear Safety regulation, "Stds for Treatment of Low Level Radwaste." Intention to clarify waste acceptance criteria meritorious but state could benefit from NRC experience.  
BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/02/05. DAVIS, A.B. Region 3, Ofc of the Director. 10pp. 52647:302-52647:305.
- 9002130383 Forwards comments on State of IL draft proposed regulation, "Stds for Treatment of Low Level Radwaste." Meeting w/state officials suggested to discuss NRC experience.  
BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/02/02. DAVIS, A.B. Region 3, Ofc of the Director. App. 52647:302-52647:305.
- 9002130392 Responds to 891229 memo re issues raised at 891120 meeting w/Commonwealth of PA re request for limited agreement. Limited agreement is for disposal only. Transportation insps by Commonwealth of PA being conducted under subagreement.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/01/26. MILLER, V.L. Assistant Director for State Agreements Program. 15pp. 52647:042-52647:056.



**9002130395** Informs of review of proposed MOU w/State of OH & Intent to participate in development of decommissioning subagreement.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/01/31. BURNETT,R.F. Division of Safeguards & Transportation (Post 870413). 3pp. 52648:139-52648:141.

**9002130396** Advises that on 900102,DOE provided w/governors certifications submitted by Central Interstate Low Level Radwaste Compact Commission,representing States of AK,KS,LA, NE & OK.  
BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. 90/02/05. LYTLE,J.E. Energy, Dept. of. 2pp. 52647:038-52647:041.

**9002130397** Forwards draft info notice, "Update on Waste Form & High Integrity Container Topical Rept Review Status, Identification of Problems W/Cement Solidification & Reporting..." for transmittal to agreement states.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/02/02. MILLER,V. Assistant Director for State Agreements Program. 12pp. 52634:318-52634:329.

**9002150023** Forwards response to DOE rept to Congress on reassessment of civilian radwaste mgt program.Plan approved but only good first step.  
BERRY,W.W. Edison Electric Institute. HLWR. 90/01/12. WATKINS,J.D. Energy, Dept. of. 25pp. 52654:074-52654:098.

**9002160097** Forwards SECY-90-032, "Quarterly Progress Rept on Prelicensing Phase of DOE Civilian High Level Radwaste Mgt Program." DOE could not provide detailed milestone schedule to support Sept 1990 date.  
BERNERO,R.M. Office of Nuclear Material Safety & Safeguards,Director. HLWR. 90/02/11. ROUSSO,S. Energy, Dept. of. 4pp. 52654:117-52654:131.

**90022080009** SECY-90-032 Provides quarterly progress rept on prelicensing phase of DOE civilian high level radwaste mgt program.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. HLWR. 90/01/29. 11pp. 52654:121-52654:131.

**9002160101** Forwards SECY-90-032, "Quarterly Progress Rept on Prelicensing Phase of US DOE Civilian High Level Radwaste Mgt Program." for info.  
TANA,E.T. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/13. NRC - No Detailed Affiliation Given. 1p. 52654:132-52654:143.

**9002160105** Clarifies several observations recorded in 891031-1101 West Valley Demonstration Project meeting minutes.NRC Interested in understanding how activities at sub1 two glass-making operations will be integrated into DOE repository program.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/12. STEIN,R. Energy, Dept. of. 3pp. 52654:144-52654:146.

**9002220048** Requests termination of Transportation Risk Study task conducted by CNWRA due to delay of shipments under Nuclear Waste Policy Act.  
RENTSCHLER,R.B. Transportation Branch. 90/02/02. FORTUNA,S. Program Management, Policy Development & Analysis Staff (Post 870413). 1p. 52704:001-52704:001.

**9002220115** Forwards update of Las Vegas,NV library content,consisting of list of LLL publications on file & red blinders in ofc.  
WHITE,N.J. NRC - No Detailed Affiliation Given. HLWR. 90/02/09. TANA,E. Division of High-Level Waste Management (Post 870413). 4pp. 52675:001-52675:004.

**9002220120** Forwards DOE weekly rept for wk ending 900126.Arrangements made to open Clark County Yucca Mountain info ofc in Las Vegas,NV on 900217.Technical exchange w/NRC on calcite-silica vein deposit planned on 900206-07.  
PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. HLWR. 90/02/07. LINEHAN,J.J. Division of High-Level Waste Management (Post 870413). 7pp. 52675:009-52675:015.

**9002220124** Forwards DOE weekly rept for wk ending 900202.Lawsuit against State of NV filed by Justice Dept.on behalf of DOE, on 900125 to require state to issue enviro permits to DOE. Monthly budget meeting held on 900201.  
PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. HLWR. 90/02/08. LINEHAN,J.J. Division of High-Level Waste Management (Post 870413). 8pp. 52675:016-52675:023.

**9002220130** Forwards final rept "1985 Repository Surface Facility Seismic Survey,Yucca Mountain Area,Nye County,NV." & DOE 900205 ltr.  
PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. HLWR. 90/02/13. STABLEIN,K. NRC - No Detailed Affiliation Given. 1p. 52675:024-52675:100.

**9002220134** Forwards final rept "1985 Repository Surface Facility Seismic Survey,Yucca Mountain Area,Nye County,NV." DOE has no plan to use results of shallow seismic survey,due to major uncertainties involved.  
BLANCHARD,M.B. Energy, Dept. of. HLWR. 90/02/05. PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. 2pp. 52675:025-52675:100.

**9002220139** "1985 Repository Surface Facility Seismic Survey,Yucca Mountain Area,Nye County,NV." final rept.  
\* Charles B. Reynolds & Associates. HLWR. 85/11/20. 72pp. 52675:027-52675:100.

**9002220160** Accepts responses to observations resulting from Yucca Mountain project ofc QA Audit 88-03 of USGS.  
HORTON,D.G. Energy, Dept. of. HLWR. 90/02/14. KENNEDY,J.E. NRC - No Detailed Affiliation Given. 1p. 52675:008-52675:008.

**9002220172** Advises of closure of Std Deficiency Rept 442,Rev 0, resulting from Yucca Mountain project ofc QA Audit 89-03 of Sandia.  
HORTON,D.G. Energy, Dept. of. HLWR. 90/02/14. KENNEDY,J.E. NRC - No Detailed Affiliation Given. 3pp. 52675:005-52675:007.

**9002220243** Summarizes NRC/DOE 891101 action item re const of Spook cell & temporarily exceeding max allowable elevation for top of tailings & advises that circumstances prompting exceedence of max elevation does not present programmatic problem.  
MATTHEWS,M.L. Energy, Dept. of. 90/02/15. LOHAUS,P.H. Operations Branch. 4pp. 52679:216-52679:219.

**9002220272** Forwards notice of upcoming NRC/DOE technical programmatic meetings,per 840827 FR notice.Technical assessment review of exploratory shaft facility anomaly will be held on 900306 in Washington,DC.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/20. NRC - No Detailed Affiliation Given. 2pp. 52712:307-52712:308.

**9002220720** YMP/CC-0003 R01 Rev 1 to "Exploratory Shaft Facility (ESF) Subsystem Design Requirements Document (SDRD) for Title II," Vols 1 & 2.  
\* Energy, Dept. of. HLWR. 90/02/15. 707pp. 52690:053-52692:039.

**9002230392** Forwards notice of upcoming NRC/DOE technical/programmatic meetings,per 840827 FR notice.NRC/DOE QA meetings scheduled for 900312-23 & 0426-27 in Bethesda,MD.CNWRA briefing tentatively scheduled for 900314 in Rockville,MD.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/26. NRC - No Detailed Affiliation Given. 2pp. 52712:335-52712:336.

**9002230492** Forwards DOE weekly rept for wk ending 900209.  
PRESTHOLT,P.T. NRC - No Detailed Affiliation Given. HLWR. 90/02/14. LINEHAN,J.J. Division of High-Level Waste Management (Post 870413). 7pp. 52712:337-52712:343.

**9002230495** Notification of 900306 technical meeting w/DOE,State of NV & affected local govts in Washington,DC to discuss DOE evaluation of geophysical anomaly near proposed site of exploratory shafts & methods to evaluate anomaly.  
STABLEIN,K. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/20. LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). 3pp. 52712:332-52712:334.

**9002230508** Forwards "Observation Audit Rept 89-7 for Yucca Mountain Project Ofc Audit 89-5 of Reynolds Electrical & Engineering Co,Inc." Effectiveness of implementation of Reynolds QA program plan cannot be determined at present time.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/22. STEIN,R. Energy, Dept. of. 3pp. 52712:315-52712:331.

**9002230513** 89-7 "Observation Audit Rept 89-7 for Yucca Mountain Project Ofc Audit 89-5 of Reynolds Electrical & Engineering Co,Inc."  
KENNEDY,J.E. Repository Licensing & Quality Assurance Project Directorate (881120). HLWR. 90/02/14. 14pp. 52712:318-52712:331.

## WASTE RES WASTE MANAGEMENT RESEARCH REPORTS

**9002050183** Responds to 900130 ltr re new schedule for outstanding deliverables under FIN A-1165.Encl is list schedule for submitting remaining outstanding deliverables.All deliverables should be completed by 900531.  
BONANO,E.J. Sandia National Laboratories. FIN A-1165. HLWR. 90/02/01. TIKTINSKY,D. Program Management, Policy Development & Analysis Staff (Post 870413). 2pp. 52536:161-52536:162.

**9002120181** Monthly rept for Jan 1990 for FIN A-1165.  
BONANO,E.J. Sandia National Laboratories. FIN A-1165. HLWR. 90/02/15. TIKTINSKY,D.H. Division of High-Level Waste Management (Post 870413). 17pp. 52635:154-52635:170.

## XPORTLIC EXPORT AND IMPORT LICENSES

**9001290213** Forwards application for export license for low enriched U samples including fuel rods from TMI-2 for testing & analysis at Tokol Research Establishment 2-4 in Japan.Ltr of assurance required.  
SMITH,C.N. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/19. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52469:184-52469:188.

**9001290218** Application for license to export TMI-2 samples including fuel rods w/max element weight of 3.350 kg,max weight percent of 2.98 & max isotope weight of .100 kg to Japan.  
FISK,R.H. Edlow International Co. IEC-5. 90/01/17. 1p. 52469:185-52469:185.

**9001290220** Forwards application for license to export TMI-2 samples, including fuel rods for testing & analysis,to Japan.  
FISK,R.H. Edlow International Co. 90/01/17. WRIGHT,B. International Programs. 3pp. 52469:186-52469:188.

**9001290324** Forwards applications for export licenses for low enriched U for use as reload fuel for Kashwazakikariwa Unit 2 & Hamaoka Unit 1 in Japan.Ltrs of assurance required.Matl for XSNM-2496 of Canadian origin.  
SMITH,C.N. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/19. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52451:349-52451:352.

**9001310061** Requests Executive Branch views re Carpenter Technology Corp application to export four zircaloy tubes to Norway.  
SMITH,C.N. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/19. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 3pp. 52497:239-52497:244.

**9001310069** Application for license to export zircaloy tubes to Norway.  
MERRILL,K.C. Carpenter Technology Corp. 90/01/12. HEMBY,E. NRC - No Detailed Affiliation Given. 3pp. 52497:242-52497:244.

**9001310068** Application for license to export UF6,contained in 126,795 kg U-235,to Japan.  
IKEDA,M. Mitsui & Co. (USA), Inc. (subs. of Mitsui & Co., Ltd.). 90/01/18. 2pp. 52498:161-52498:162.

**9002010422** Forwards application for Amend 7 to export license to authorize shipment of 28.0 kg U to France for metal conversion & fuel fabrication.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/23. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52521:313-52521:314.

**9002010441** Amend 7 to application to License XSNM-1778,authorizing 28 kg U to France for metal conversion & fuel fabrication.  
OGINO,Y. Nishio Iwai American Corp. GNT-90-002. 90/01/08. PETERSON,M.R. NRC - No Detailed Affiliation Given. 1p. 52521:314-52521:314.

**9002010436** Application for amend to License XSNM-2161,increasing quantities stated in 881212 authorization ltr to 990,141 kgs U containing 34,727 kgs U-235.  
FLINGOU,C. European Communities, Commission of. 90/01/23. ROONEY,J.M. Energy, Dept. of. 1p. 52505:036-52505:036.

## 218 NONDOCKETED ITEMS

- 9002020004** Forwards application for license to export experimental centrifugal contactors & supporting sys to United Kingdom Atomic Energy Authority.  
BAILEY,D.E. Energy, Dept. of. 90/01/22. PETERSON,M. International Programs. 2pp. 52541:209-52541:265.
- 9002020006** Application for license to export equipment consisting of experimental centrifugal contactors to the United Kingdom.  
BAILEY,D.E. Energy, Dept. of. UKAEA-1. 90/01/22. 31pp. 52541:211-52541:241.
- 9002020008** Specific Memorandum of Agreement between DOE & UKAEA re solvent extraction centrifugal contactors.  
BAILEY,D.E. Energy, Dept. of. 88/07/05. United Kingdom Atomic Energy Authority. 24pp. 52541:242-52541:265.
- 9002020011** Forwards application for license to export scientific, experimental & test equipment & sys to Japan.  
BAILEY,D.E. Energy, Dept. of. 90/01/22. PETERSON,M. International Programs. 2pp. 52533:260-52533:266.
- 9002020013** Application for license to export scientific,experimental & test equipment to Japan.  
BAILEY,D.E. Energy, Dept. of. 90/01/22. 3pp. 52533:262-52533:264.
- 9002020015** Memorandum of agreement Between DOE & Power Reactor & Nuclear Fuel Development Corp.,Japan for joint collaboration in field of nuclear fuel cycle:liquid metal reactor reprocessing technology.  
VAUGHN,J.W. Energy, Dept. of. 87/06/24. Power Reactor & Nuclear Fuel Development Corp. 22pp. 52533:265-52533:286.
- 9002020020** Forwards application for license to export 4,170 kg U-235, contained in 83,415 kg U,in form of UF<sub>6</sub>,enriched to 5 w/o max,to Sweden.  
QUAIN,P.B. Transnuclear, Inc. MIS-505. 90/01/22. WRIGHT,B. NRC - No Detailed Affiliation Given. 1p. 52539:216-52539:218.
- 9002020021** Application for license to export 4,170 kg U-235,contained in 83,415 kg U in form of UF<sub>6</sub>,enriched to 5 w/o max,to Sweden.  
QUAIN,P.B. Transnuclear, Inc. MIS-505. 90/01/22. 2pp. 52539:217-52539:218.
- 9002020014** Application for license to export 126,795 U as UF<sub>6</sub>,contained in 902 kg U-235, to Japan.Addl info re ultimate end user & intermediate consignee & intermediate end use encl.  
IKEDA,M. Mitsui & Co. (USA), Inc. (subs. of Mitsui & Co., Ltd.). MBK-CP-1. 90/01/18. 2pp. 52529:318-52529:319.
- 9002020125** Forwards Westinghouse 900116 ltr requesting withdrawal of export license application.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/24. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52540:120-52540:121.
- 9002020148** Withdraws 890403 license to export nuclear equipment to China.  
HUDEC,W.S. Westinghouse Electric Corp. WSH-064-89. 90/01/16. PETERSON,M.R. NRC - No Detailed Affiliation Given. 1p. 52540:121-52540:121.
- 9002020129** Requests Executive Branch position re encl Shield Source,Inc applications for licenses to export 200,000 Ci tritium & 20,000 Ci tritium,for use in mfg of gaseous tritium light sources, to Canada.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/23. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52529:323-52529:328.
- 9002020154** Application for license to export 2,000 mechanical plugs to Yugoslavia.  
HUDEC,W.S. Westinghouse Electric Corp. WSH-011-90. 90/01/18. 2pp. 52540:074-52540:075.
- 9002020158** Application for license to export 75 mechanical plugs to Yugoslavia.  
HUDEC,W.S. Westinghouse Electric Corp. WSH-010-90. 90/01/18. 2pp. 52540:069-52540:070.
- 9002050159** Responds to 891208 ltr forwarding MA Ferguson question re NRC licensing export of U to Romania.Romania deemed acceptable recipient of mat,per listed criteria,including proper security measures applied to shipment.  
RATHBUN,D.K. Congressional Affairs. CCS. 90/01/16. CRANSTON,A. Senate. 3pp. 52547:230-52547:234.
- 9002050161** Forwards MA Ferguson 891201 ltr re concerns about alleged sale of U to Romania by US for response.  
CRANSTON,A. Senate. CCS. 89/12/08. NRC - No Detailed Affiliation Given. 2pp. 52547:233-52547:234.
- 9002070124** Certifies that terms & conditions of addl agreement for cooperation,dtd 600725,will apply to License XSNM-2495. Matl will be used as fuel for BR-2 reactor in Mol/Beilum.  
FLINGON,C. European Communities, Commission of. 90/01/26. ROONEY,J.M. Energy, Dept. of. 1p. 52634:180-52634:180.
- 9002070126** License for GE/Reuter-Stokes,Inc to export one fission chamber to Mexico.  
WRIGHT,B.L. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). E-1151. 90/01/31. 1p. 52612:266-52612:266.
- 9002070134** Amend 7 to export license,adding COGEMA as intermediate consignee for conversion of matl & authorizing shipment of 28 kg Canadian-origin U to France for metal conversion & fuel fabrication for ultimate shipment to Japan.  
WRIGHT,B.L. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). GNT-90-002. 90/01/31. 1p. 52604:255-52604:255.
- 9002070233** Forwards application for license to export slightly enriched UF<sub>6</sub> to Japan.Matl will be used for fabrication of fuel assemblies.  
MARUYAMA,T. Mitsubishi International Corp. (subs. of Mitsubishi Corp.). HSA-5490-02. 90/01/25. WRIGHT,B. NRC - No Detailed Affiliation Given. 2pp. 52604:224-52604:226.
- 9002070235** Application for license to export slightly enriched UF<sub>6</sub> to Japan.  
MARUYAMA,T. Mitsubishi International Corp. (subs. of Mitsubishi Corp.). HSA-5490-02. 90/01/25. 1p. 52604:226-52604:226.
- 9002070249** Forwards application for license to export slightly enriched UF<sub>6</sub> to Japan.Matl will be used for fabrication of fuel assemblies & loaded into Tomari Plant Unit 2.  
MARUYAMA,T. Mitsubishi International Corp. (subs. of Mitsubishi Corp.). HSA-5490-03. 90/01/25. WRIGHT,B. NRC - No Detailed Affiliation Given. 2pp. 52598:220-52598:222.
- 9002070254** Application for license to export slightly enriched UF<sub>6</sub> to Japan.  
MARUYAMA,T. Mitsubishi International Corp. (subs. of Mitsubishi Corp.). HSA-5490-03. 90/01/25. 1p. 52598:222-52598:222.
- 9002070258** Forwards application to export 751 kg U-235,contained in 21,132 kg U,to Korea.  
QUAIN,P.B. Transnuclear, Inc. MIS-506. 90/01/25. CONGDON,M. NRC - No Detailed Affiliation Given. 1p. 52604:249-52604:250.
- 9002070266** Application for license to export 21,132 kg U,in form of UF<sub>6</sub>,enriched to max of 3.55% U-235,to South Korea.  
QUAIN,P.B. Transnuclear, Inc. MIS-506. 90/01/25. 1p. 52604:250-52604:250.
- 9002080024** Recommends that license be issued for Martek Corp to export 2,500 kg heavy water to Canada.Export will not be inimical to common defense & Security of US.  
STRATFORD,R.J. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 90/01/25. SHEA,J.R. International Programs. 1p. 52594:213-52594:213.
- 9002080034** Certifies that Risoe Natl Lab of Denmark authorized to receive 80.6 kg U,enriched to 19.95% U-235 & that terms & conditions of 600725 Addl Agreement for Cooperation will apply to authorized matl.  
FLINGON,C. European Communities, Commission of. 90/01/26. ROONEY,J.M. Energy, Dept. of. 1p. 52609:126-52609:126.
- 9002080037** License for GE to export 9,574 kg U,contained in 277,500 kg U-235,to Taiwan.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/29. 2pp. 52609:263-52609:264.
- 9002080041** Application for license to export 113 kg thorium,contained in 150 kg thorium fluoride,in granular form, to Lichtenstein.  
COLTON,E. Cerac, Inc. 90/01/03. 1p. 52589:053-52589:053.
- 9002080044** License for Mitsui & Co,Inc to export 1,101 kg U-235, contained in 33,710 kg U to Japan.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). MBK-F3-R13. 90/01/26. 2pp. 52609:241-52609:242.
- 9002080048** License for Westinghouse to export 0.55 kg Pu & 1.30 kg U-235,contained in 58 kg U,enriched to 2.35 w/o max,in form of twenty irradiated fuel rods, to United Kingdom.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). WSH-099-89. 90/01/26. 2pp. 52609:127-52609:128.
- 9002080052** License for Mitsui & Co (USA),Inc to export 68 kg U-235, contained in 2,433 kg U to Japan.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). MBK-TR-19. 90/01/26. 2pp. 52594:150-52594:151.
- 9002080055** License for Marubeni America Corp to export 1,589 kg U-235, contained in 62,722 kg U,enriched to 3.95 w/o max,to Japan.  
SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). JJ5710. 90/01/26. 2pp. 52609:171-52609:172.
- 9002080128** Executive Branch position re UCAR Carbon Co,Inc application for license to export 152 pieces nuclear-grade graphite,for use as reflector matl in High Temp Engineering Test Reactor. License should be issued.  
STRATFORD,R.J. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 90/01/25. SHEA,J.R. International Programs. 1p. 52589:076-52589:076.
- 9002080130** Executive Branch position re Reuter Stokes,Inc application to export fission chamber containing 1.4 g U to Mexico. License should be issued.  
STRATFORD,R.J. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 90/01/25. SHEA,J.R. International Programs. 1p. 52608:122-52608:122.
- 9002080136** Executive Branch position re Marubeni America Corp application to export 1,589 kg U-235 in 62,722 kg U, to Japan,per 890831 request.Recommends that license be issued.  
STRATFORD,R.J. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 90/01/25. SHEA,J.R. International Programs. 1p. 52608:346-52608:346.
- 9002080141** Submits addl info to NRC 900112 request for Executive Branch views re export license application for License XSNM-2495.Application for amend to license encl.  
PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/01. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 2pp. 52609:250-52609:252.
- 9002080144** Application for amend,adding "intermediate consignees" & changing "Intermediate end use" of CERCA to be "for fabrication of fuel."  
QUAIN,P.B. Transnuclear, Inc. 90/01/24. CONGDON,M. NRC - No Detailed Affiliation Given. 1p. 52609:252-52609:252.
- 9002080151** Forwards revised application for export license for low enriched U for use in Roskilde,Denmark.Ltr of assurance required.  
PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/01/31. ROONEY,J.M. Energy, Dept. of. 1p. 52588:201-52588:204.
- 9002080152** Forwards revised NRC-7 application form containing addl info w/copies of correspondence providing details of proposed transaction for further attention.W/o encl.  
FISK,R.H. Edlow International Co. 90/01/29. WRIGHT,B. International Programs. 1p. 52588:202-52588:204.
- 9002090025** Requests Executive Branch position re DOE 900122 application to export experimental centrifugal contactors to United Kingdom.  
PETERSON,M.R. International Programs. 90/02/02. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52607:071-52607:132.

-9002090141 "Agreement Between US Energy R&D Administration & United Kingdom Atomic Energy Authority in Field of Liquid Metal- Cooled Fast Breeder Reactors." Energy Research & Development Admin.(Presently DOE). 76/09/20. United Kingdom Atomic Energy Authority. 19pp. 52607:112-52607:132.

9002090077 Forwards Shield Source,Inc 900130 ltr re export license application XB-1278 to be considered w/900123 submittal. PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/02. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52626:143-52626:144.

-9002090079 Confirms that use of 20,000 Ci tritium gas will be restricted as listed,per 900108 application. HEGARTY,W. Shield Sources, Inc. 90/01/30. WRIGHT,B. NRC - No Detailed Affiliation Given. 1p. 52626:144-52626:144.

9002090082 License for Martek Corp to export 2,500 kg heavy water to Canada. SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). BFFF 7926. 90/02/02. 1p. 52607:311-52607:311.

9002120109 Requests Executive Branch position re DOE 900122 application for license to export spare & replacement parts,monitoring & control devices & interface packages to Japan. PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/02. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52630:125-52630:153.

9002120126 Requests assistance in obtaining necessary assurances re encl application for license to export low enriched U for use as reload fuel for Barseback 2 in Sweden. SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/02. HART,T. Energy, Dept. of. 1p. 52631:214-52631:217.

9002120132 Requests Executive Branch position re application for license to export natural U for enrichment & ultimate end use as fuel for Tokyo Electric Power Co power reactor in Japan. SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/02. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52617:233-52617:235.

9002120140 Forwards application for export license for low enriched U for use as fuel for Kori-4 in Korea.Ltr of assurance required. SCHECHTER,H.B. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/02. ROONEY,J.M. Energy, Dept. of. 1p. 52617:230-52617:232.

9002150018 Forwards application for license to export low enriched U to Japan.Ltr of assurance required. PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/08. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52675:124-52675:125.

-9002150021 Application for license to export UF6 for use as reload fuel for reactor in Japan. INOUE,S. Mitsui & Co. (USA), Inc. (subs. of Mitsui & Co., Ltd.). MBK-K1-R5. 90/02/06. 1p. 52675:125-52675:125.

9002150026 Forwards application for license to export 75 mechanical plugs to Yugoslavia.Ltr of assurance required. PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/07. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52675:229-52675:230.

9002150027 Requests Executive Branch position re encl Westinghouse application for license to export mechanical plugs to Bulgaria. PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/08. THORNE,C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p. 52676:253-52676:254.

9002150080 License for Cerac,Inc to export 113 kg thorium,containing 150 kg thorium fluoride,to Liechtenstein. PETERSON,M.R. Asst. Dir. for Intl. Security, Exports & Matis Safety (Post 890226). 90/02/09. 2pp. 52656:035-52656:037.

9002220731 Abides by Executive Branch decision re denial of request for license to export 45,000 Ci of tritium in sealed light sources. PETERSON,M.R. International Programs. 90/02/15. MILLER,J. Safety Light Corp. 1p. 52689:191-52689:191.





# PERSONAL AUTHOR INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
ABBOUD, R.G.	9002230335	50-304 S	ASHLEY, J.C.	9002120251	50-295 S	BAILEY, D.E.	9002020013*	XPORTLIC
ACOSTA, R.J.	9002050077	50-250 P	ASMUSSEN, K.E.	9001290248	71-6745	BAILEY, J.A.	9002220247	50-482 V
ACOSTA, R.J.	9002150294	PR	ASMUSSEN, K.E.	9001290253	71-9034	BAILEY, J.A.	9002230308	50-482 R
ADAMS, A.	9002010180	50-27 P	ASMUSSEN, K.E.	9001290255	71-9037	BAILEY, J.N.	9002060122	50-528 Q
ADAMS, A.	9002020024	50-186 P	ATHAVALE, S.V.	9002160165	50-483 P	BAILEY, J.N.	9002060145	50-528 P
ADAMS, A.	9002020079	50-186 F	ATHAVALE, S.V.	9002220355	50-483 P	BAILEY, J.N.	9002150029	50-530 P
ADAMS, A.	9002080093	50-160 F	AUGUSTINE, R.J.	9002060419*	40-7397	BAILEY, R.	9002120366	71-9032
ADAMS, A.	9002080095	50-606 A	AUGUSTINE, R.J.	9002070053*	40-7397	BAIRD, R.W.	9002130213*	FOIA
ADAMS, A.	9002070147	50-186 F	AULUCK, R.	9002070102	50-390 A	BAIRD, R.W.	9002130220*	FOIA
ADAMS, A.	9002080191	50-146 P	AULUCK, R.	9002070162	50-390 A	BAKER, B.W.	9002050261	71-9160
ADAMS, A.	9002150069	50-89 P	AUSTIN, S.	9002080001	50-259 S	BAKER, E.	9001310127	50-324 Q
ADAMS, A.	9002160076	50-602 A	AXELSON, W.L.	9001300103	50-255 Q	BAKER, E.T.	9001310332*	QA999
ADAMS, A.	9002220597	50-123 P	AXELSON, W.L.	9001300300	50-263 Q	BAKER, E.T.	9001310431*	QA999
ADAMS, S.R.	9001250156	WASTE MGT	AXELSON, W.L.	9001310132	50-155 Q	BAKER, E.T.	9002050380*	QA999
ADAMS, S.R.	9002050218	27-48	AXELSON, W.L.	9001310168*	50-263 Q	BAKER, E.T.	9002090057*	QA999
ADAMS, S.R.	9002050245	27-48	AXELSON, W.L.	9001310244	50-315 Q	BAKER, E.T.	9002120147*	QA999
ADENSAM, E.G.	9002220235*	50-395 P	AXELSON, W.L.	9001310248*	50-315 Q	BAKER, K.F.	9002230209	PR
ADENSAM, E.G.	9002220410*	50-395 M	AXELSON, W.L.	9002130381*	50-341 Q	BAKER, S.A.	9002280217	FOIA
ADRAGNA, J.M.	9002220610	50-445	AXELSON, W.L.	9002130386*	50-341 Q	BAKER, S.J.	9002010034	40-1162
AHO, G.D.	9002010200	40-8714	AYALA, C.	9002010115	50-498 S	BAKR, M.H.	9002120329	NUREG
AIELLO, R.F.	9002150024*	50-424 Q	AYALA, C.	9002010178	50-498 S	BALDWIN, R.S.	9001300100*	50-413 V
AKIN, H.	9002010088	40-8958	AYALA, C.	9002020263	50-498 S	BALDWIN, R.S.	9002140076*	50-413 V
ALAZRAKI, N.P.	9002060091*	COMMISSION	AYALA, C.	9002130184	50-498 S	BALKUS, M.E.	9002130188	PR
ALAZRAKI, N.P.	9002060091*	COMMISSION	AYALA, C.	9002140052	50-498 S	BALKUS, M.E.	9002150375	PR
ALAZRAKI, N.P.	9002060136*	COMMISSION	AYALA, C.	9002230025	50-498 S	BALLARD, R.	9002070182	WASTE MGT
ALEXICH, M.E.	9002220473	50-315 P	AYALA, C.	9002230059	50-499 S	BALLARD, R.	9002070366*	WASTE MGT
ALEXICH, M.P.	9001290279	50-315 F	BACH, C.L.	9002050120*	PR	BANFIELD, E.L.	9002080309	PR
ALEXICH, M.P.	9002020272	50-315 Q	BACHMANN, R.G.	9002080113	50-443 G	BANFIELD, E.L.	9002120310	71-9007
ALEXICH, M.P.	9002070106	50-315 P	BACKUS, R.	9002150037	50-443 G	BANGART, R.L.	9002130392	WASTE MGT
ALEXICH, M.P.	9002070480	50-316 P	BACKUS, R.	9002150037	50-443 G	BANGART, R.L.	9002130395	WASTE MGT
ALEXICH, M.P.	9002070466	50-315 P	BACKUS, R.	9002220018	50-443 G	BANGART, R.L.	9002130397	WASTE MGT
ALEXICH, M.P.	9002080117	50-315 Q	BACKUS, R.	9002220018	50-443 G	BARNES, J.	9002060337*	50-267 Q
ALEXICH, M.P.	9002120256	50-315 P	BACKUS, R.A.	9002010085	50-443 G	BARNES, J.	9002080014*	50-498 Q
ALEXICH, M.P.	9002120305	50-315 F	BACKUS, R.A.	9002010095	50-443 G	BARR, K.P.	9002050079*	50-390 Q
ALEXICH, M.P.	9002120350	50-315 P	BACKUS, R.A.	9002010142	50-443 G	BARRETT, R.	9002070179	50-293 R
ALEXICH, M.P.	9002140162	50-316 P	BACKUS, R.A.	9002010142	50-443 G	BARRON, H.B.	9002060108	50-269 S
ALEXICH, M.P.	9002220692	50-315 P	BACKUS, R.A.	9002010149*	50-443 G	BARRON, H.B.	9002060155*	50-269 F
ALEXICH, M.P.	9002230014	50-315 Q	BACKUS, R.A.	9002010149*	50-443 G	BARRON, H.B.	9002060158*	50-269 F
ALEXION, T.W.	9001290157	50-483 Q	BACKUS, R.A.	9002080120	50-443 G	BARRON, H.B.	9002140213	50-269 S
ALLEN, R.P.	9002120344	NUREG	BACKUS, R.A.	9002080120	50-443 G	BARSS, D.	9002090002*	50-237 Q
ALTOMARE, P.	9002070190	WASTE MGT	BACKUS, R.A.	9002120356	50-443 G	BARTLETT, C.B.	9001290267	NUREG
ALTOMARE, P.	9002070363	WASTE MGT	BACKUS, R.A.	9002120356	50-443 G	BARTON, J.J.	9002080099	50-219 F
AMAR, A.S.	9002120329	NUREG	BACKUS, R.A.	9002120360*	50-443 G	BASTIN, J.J.	9002120281*	71-24
AMENTA, J.	9002070246	ORG	BACKUS, R.A.	9002120360*	50-443 G	BATES, D.	9002070195	50-324 Y
AMENTA, J.A.	9002140196	STATE PRO G	BACKUS, R.A.	9002120361	50-443 G	BATES, O.	9001290179	SECY
ANDERSON, C.J.	9002050389*	50-352 Q	BACKUS, R.A.	9002120361	50-443 G	BATES, R.C.	8906210101*	50-458 P
ANDERSON, C.J.	9002060006*	50-387 Q	BACKUS, R.A.	9002150123	50-443 G	BATES, R.W.	9002220708	50-336 S
ANDERSON, C.J.	9002070259*	50-387 Q	BACKUS, R.A.	9002150123	50-443 G	BAUCOM, C.T.	9002202126	50-261 S
ANDERSON, C.J.	9002130115*	50-220 Q	BACKUS, R.A.	9002150128*	50-443 G	BAUCOM, C.T.	9002220270	50-261 S
ANDERSON, C.J.	9002160162*	50-272 Q	BACKUS, R.A.	9002150128*	50-443 G	BAUER, T.L.	9002230501	50-602 A
ANDERSON, C.J.	9002160185*	50-334 Q	BACKUS, R.A.	9002220093	50-443 G	BAUMAN, L.L.	9002060048	50-445 A
ANDERSON, C.J.	9002220271*	50-247 Q	BACKUS, R.A.	9002220093	50-443 G	BAUMAN, L.L.	9002060048	50-445 A
ANDERSON, C.J.	9002230192*	50-443 Q	BACKUS, R.A.	9002280068	50-443 G	BAUMAN, L.L.	9002220650	FOIA
ANDERSON, C.J.	9002230451*	50-334 Q	BACKUS, R.A.	9002280068	50-443 G	BAUMAN, L.L.	9002220650	FOIA
ANDERSON, J.D.	9002130301	50-440 F	BACKUS, W.H.	9002120259*	50-244 S	BAX, R.L.	9002090003	50-265 S
ANTISDEL, J.	9002150152	PR	BAER, R.E.	9002220451*	50-148 Q	BAX, R.L.	9002220282	50-254 P
ANTONY	9002120191	50-263 P	BAGCHIG.	9002130156	REVIEW GR P	BAZIN, J.P.	9001290125	CONTRACT
ARCHILINA, N.C.	9001300040	WASTE MGT	BAILEY, D.E.	9002020004	XPORTLIC	BAZIN, J.P.	9001290129	CONTRACT
ARCHIBALD, R.	9002130093	PR	BAILEY, D.E.	9002020006*	XPORTLIC	BAZIN, J.P.	9002130078	CONTRACT
ARILDSEN, J.A.	9002010255*	50-400 V	BAILEY, D.E.	9002020008*	XPORTLIC	BEACH, A.B.	9001290236	50-602 Q
ARNDT, S.	9002130088	PR	BAILEY, D.E.	9002020011	XPORTLIC	BEACH, A.B.	9001290243*	50-602 Q

## 222 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
BEACH,A.B.	9002090090	40-8027	BERLINGER,C.H.	9002070471	I&E	BOOKER,J.E.	9002080021	50-458 S
BEACH,A.B.	9002220445	50-148	BERLINGER,C.H.	9002220257	I&E	BOOKER,J.E.	9002080207	PR
BEARD,P.M.	9001310272	50-302	BERNERO,R.M.	9002070335	40-8035	BOOKER,J.E.	9002080211	50-458 P
BEARD,P.M.	9001310314	50-302	BERNERO,R.M.	9002130334	WASTE MGT	BOOKER,J.E.	9002080226	50-458 P
BEARD,P.M.	9002020132	50-302	BERNERO,R.M.	9002130345*	WASTE MGT	BOOKER,J.E.	9002080247	50-458 H
BEARD,P.M.	9002020255	50-302	BERNERO,R.M.	9002130382	WASTE MGT	BOOKER,J.E.	9002120299	50-458 S
BEARD,P.M.	9002060033	50-302	BERNERO,R.M.	9002130383*	WASTE MGT	BOOKER,J.E.	9002120339	50-458 S
BEARD,R.M.	9002220238	50-321	BERNERO,R.M.	9002130396	WASTE MGT	BOOKER,J.E.	9002120292	NUREG
BEAUDOIN,B.F.	9002120329	NUREG	BERNERO,R.M.	9002160097	WASTE MGT	BORDENICK,B.M.	9002080054	50-603 G
BECK,J.W.	9002070067	50-445	BERNHARDT,D.E.	9002280060*	40-2061	BORDENICK,B.M.	9002080067	50-603 G
BEDESEM,P.	9002220474	50-275	BERRY,B.	9002070065*	40-7102	BORDENICK,B.M.	9002280127	50-603 G
BEEMON,J.A.	9002120276*	50-155	BERRY,K.W.	9001310199	50-255 Q	BORES,R.	9002070369*	50-277 Q
BEER,R.W.	9002120333*	50-395	BERRY,K.W.	9001310525	50-255 Q	BORES,R.	9002070388*	50-334 Q
BEILMAN,T.P.	9002150099	50-316	BERRY,K.W.	9002080336	50-255 Q	BORES,R.	9002201777	70-687
BELANGER,R.	9002220226	50-443	BERRY,K.W.	9002120116	50-255 P	BORES,R.	9002230477*	50-245 Q
BELANGER,R.R.	9002220236	50-443	BERRY,K.W.	9002120119	50-155 P	BORES,R.J.	9001310444*	50-54 Q
BELANGER,R.R.	9002230221	50-443	BERRY,K.W.	9002230142	50-255 P	BORES,R.J.	9002010211*	70-1100
BELISLE,G.A.	9002050408*	50-400	BERRY,R.L.	9002220254	50-29 R	BORGER,D.S.	900222036*	50-388 Q
BELISLE,G.A.	9002060083*	50-280	BERRY,W.W.	9002150023	WASTE MGT	BOUCHEY,G.D.	9002220596	50-397 Q
BELISLE,G.A.	9002070137*	50-416	BEVAN,R.	9002020297	50-344 P	BOUDREY,B.D.	9002080328*	50-397 P
BELISLE,G.A.	9002160153*	50-302	BEVAN,R.	9002070301	50-344 Q	BOULETTE,B.T.	9002220319	50-309 F
BELL,S.	9001290029*	CONTRACT	BEVAN,R.	9002070414	50-344 Q	BOULETTE,E.T.	9002020188	50-309
BELL,S.	9001290075*	CONTRACT	BICKMAN,J.	9002020257	FOIA	BOUNDS,L.M.	9001290279	50-315
BELL,S.	9001290079*	CONTRACT	BIDINGER,G.	9002090206	70-36	BOURNIA,A.	9002070239	50-285
BELL,S.	9001290124*	CONTRACT	BIDINGER,G.H.	9001310370*	70-1100	BOURNIA,A.	9002080277	50-285
BELL,S.	9001290142*	CONTRACT	BIDINGER,G.H.	9002070248*	40-7580	BOYLE,J.F.	9002150227	PR
BELL,S.	9001290151*	CONTRACT	BIDINGER,G.H.	9002160059	40-8027	BOYLE,M.L.	9001290202	50-245 P
BELL,S.	9001290161*	CONTRACT	BINKOWSKI,J.	9002220232	50-302 R	BOZOKI,G.	9001290314*	50-275
BELL,S.	9001290204*	CONTRACT	BIRD,R.G.	9002010312	50-293 Q	BRACH,E.W.	9001310329	QA999
BELL,S.	9001310146*	CONTRACT	BIRD,R.G.	9002230061	PR	BRACH,E.W.	9001310421	QA999
BELL,S.	9001310153*	CONTRACT	BISHOP,J.C.	9002090102	40-3392	BRACH,E.W.	9002050368	QA999
BELL,S.	9001310162*	CONTRACT	BISHOP,J.C.	9002090200	40-3392	BRACH,E.W.	9002070042*	QA999
BELL,S.	9001310162*	CONTRACT	BLACK,R.	9002080176	50-298 F	BRACH,E.W.	9002070422	I&E
BELL,S.	9001310170*	CONTRACT	BLACK,S.	9002010125	50-259 P	BRACH,E.W.	9002090057*	QA999
BELL,S.	9001310178*	CONTRACT	BLACK,S.	9002060395	50-327 P	BRACH,E.W.	9002120145	QA999
BELL,S.	9002010320*	CONTRACT	BLACK,S.C.	9002050153	50-390 Q	BRACH,E.W.	9002130229*	FOIA
BELL,S.	9002060069*	CONTRACT	BLACK,S.C.	9002060119	50-259 P	BRACH,E.W.	9002130238*	FOIA
BELL,S.	9002060081*	CONTRACT	BLACK,S.C.	9002060400*	50-327 P	BRADHAM,O.S.	9001290101	50-395
BELL,S.	9002060082*	CONTRACT	BLACK,S.C.	9002090148	50-327 F	BRADHAM,O.S.	9001290217	50-395
BELL,S.	9002060087*	CONTRACT	BLACK,S.C.	9002220462	50-259 P	BRADHAM,O.S.	9001300093	50-395
BELL,S.	9002060115*	CONTRACT	BLACK,S.C.	9002220587	50-390 Q	BRADHAM,O.S.	9001310455	50-395
BELL,S.	9002070154*	CONTRACT	BLAHA,J.L.	9001100201	COMMISSION	BRADHAM,O.S.	9001310457	50-395
BELL,S.	9002070174*	CONTRACT	BLAHA,J.L.	9001110094	COMMISSION	BRADHAM,O.S.	9002010227	50-395
BELL,S.	9002080230*	CONTRACT	BLAHA,J.L.	9002010367	COMMISSION	BRADHAM,O.S.	9002080030	50-395
BELL,S.	9002080270*	CONTRACT	BLAHA,J.L.	9002080215	COMMISSION	BRADHAM,O.S.	9002120127	50-395
BELL,S.	9002090091*	CONTRACT	BLAHA,J.L.	9002140214	COMMISSION	BRADHAM,O.S.	9002120331	50-395
BELL,S.	9002090154*	CONTRACT	BLAHA,J.L.	9002220046	COMMISSION	BRADHAM,O.S.	9002150356	PR
BELL,S.	9002130176*	CONTRACT	BLAHA,J.L.	9002230280	COMMISSION	BRADHAM,O.S.	9002230436	PR
BELL,S.	9002130186*	CONTRACT	BLAKE,J.	9002130217*	50-250 Q	BRADISH,T.R.	9002020236	50-529
BELL,S.	9002160150*	CONTRACT	BLAKE,J.J.	9001310087*	50-335 Q	BRADISH,T.R.	9002080142	50-530
BELL,S.	9002160156*	CONTRACT	BLAKE,J.J.	9001310112*	50-424 Q	BRADISH,T.R.	9002120158	50-528
BELL,S.	9002220189*	CONTRACT	BLAKE,J.J.	9001310266*	50-335 Q	BRADISH,T.R.	9002120160	50-530
BELL,S.	9002220197*	CONTRACT	BLAKE,J.J.	9001310284*	50-324 Q	BRADISH,T.R.	9002120163	50-530
BELL,S.	9002220214*	CONTRACT	BLAKE,J.J.	9002020232*	50-269 Q	BRADISH,T.R.	9002120182	50-528
BELL,S.	9001300297*	50-461	BLAKE,J.J.	9002070074*	50-324 Q	BRADISH,T.R.	9002150017	50-530
BELLAMY,R.R.	9001300122	50-166	BLAKE,J.J.	9002070432*	50-259 Q	BRADISH,T.R.	9002230255	50-528
BELLAMY,R.R.	9001300225	50-320	BLANCHARD,M.B.	9002220134*	WASTE MGT	BRAM,S.B.	9001310024	50-247
BELLAMY,R.R.	9001310117	50-317	BLIND,A.A.	9002150099	50-316 S	BRAM,S.B.	9001310254	50-247
BELLAMY,R.R.	9001310528	50-317	BLIND,A.A.	9002150109	50-315 S	BRAM,S.B.	9002020256	50-247
BELLAMY,R.R.	9002010209	70-1100	BLOCH,P.B.	9002080093	50-250 G	BRAM,S.B.	9002050058	50-247
BELLAMY,R.R.	9002010375	50-277	BLOCH,P.B.	9002130095	70-25	BRAM,S.B.	9002080035	50-247
BELLAMY,R.R.	9002060009	50-247	BLOCH,P.B.	9002150077	50-250 G	BRAM,S.B.	9002080340	50-247
BELLAMY,R.R.	9002060357	50-244	BLOCH,P.B.	9002220083	50-250 G	BRAM,S.B.	9002120123	50-247
BELLAMY,R.R.	9002070361	50-277	BLOSSER,J.D.	9002130277	50-483 S	BRAM,S.B.	9002130001	50-247
BELLAMY,R.R.	9002070382	50-334	BLOSSER,J.D.	9002140014	50-483 R	BRAM,S.B.	9002150384	50-247
BELLAMY,R.R.	9002080003	50-353	BLOUGH,A.R.	9001310020*	50-293 Q	BRAND,D.A.	9002080280	50-275
BELLAMY,R.R.	9002130096	50-272	BLOUGH,A.R.	9002060380	50-29 P	BRANN,P.T.	9002080062	50-443
BELLAMY,R.R.	9002160174	50-317	BLOUGH,A.R.	9002070217*	50-29 Q	BREAUX,J.B.	9002050127*	COMMISSION
BELLIS,K.M.	9001310427	50-206	BLOUGH,A.R.	9002080378*	50-317 Q	BREAUX,J.B.	9002050209*	COMMISSION
BENIOFF,P.A.	9002010148*	40-2061	BLOUGH,A.R.	9002220221	50-352 Q	BRENNAN,P.	9001290158	CONTRACT
BENIOFF,P.A.	9002010148*	40-2061	BLUBAUGH,R.E.	9002010300	40-3453	BRENNAN,P.	9002130151	CONTRACT
BENSON,K.	9002150269	PR	BLUBAUGH,R.E.	9002010308	40-3453	BRENNAN,P.	9002130185	CONTRACT
BENTSEN,L.	9002050069*	PRM	BLUMBERG,N.	9002230488*	50-245 Q	BRENNAN,P.A.	9002090086	CONTRACT
BEREZOFISKY,E.	9002050091	40-7102	BOAN,J.R.	9002130145	71-9033	BRESLAU,B.	9001300442*	50-259
BERG,W.L.	9002220733	50-409	BODENICK,B.M.	9002150113	50-275	BRESLAU,B.	9002230376*	50-413
BERG,W.L.	9002230035	50-409	BOLDT,G.	9002220232	50-302 R	BREY,H.L.	9001290271	71-6346
BERGER,J.D.	9002050235*	FOIA	BOLDT,G.	9002230046	50-302 S	BRINKMAN,D.S.	9002020149	50-247
BERGER,J.D.	9002060247*	40-7102	BOLDT,G.L.	9002140219	50-302 S	BRINKMAN,D.S.	9002020153	50-247
BERGER,J.D.	9002060276*	40-7102	BONA,J.R.	9002130141	71-9032	BRINKMAN,D.S.	9002060299	50-247
BERGER,J.D.	9002070324	40-8724	BONANO,E.J.	9002050183	WASTE RES	BRINKMAN,D.S.	9002070172	50-247
BERGMANN,J.W.	9001310373	50-305	BONANO,E.J.	9002120181	WASTE RES	BROCKMAN,P.G.	9002140144	REVIEW GR P
BERKOW,H.N.	9002050379*	50-280	BONNETT,D.M.	9002230302	50-250 R	BROCK,M.T.	9002220093	50-443
BERKOW,H.N.	9002130126*	50-280	BONNETT,F.P.	9002070276*	50-277 V	BROCKMAN,K.E.	9001310137	50-321
BERKOW,H.N.	9002140127*	50-302	BOOKER,J.E.	8911090356	50-458 F	BROCKMAN,K.E.	9001310279*	50-321
BERKOW,H.N.	9002140133*	50-338	BOOKER,J.E.	9001300124	50-458 Q	BROCKMAN,K.E.	9002150024*	50-424
BERLINGER,C.H.	9001300498	50-3	BOOKER,J.E.	9002050020	50-458 Q	BRONS,J.C.	9001300181	50-286
BERLINGER,C.H.	9001310141	I&E	BOOKER,J.E.	9002060191	50-458 J	BRONS,J.C.	9002060051	50-333
BERLINGER,C.H.	9002070223	I&E	BOOKER,J.E.	9002080016	50-458 S	BRONS,J.C.	9002070356	50-286

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY		
BRONS,J.C.	9002070419	50-333	Q	CAMPBELL,K.	9002070405*	WASTE MGT	9002090211	40-8452		
BRONS,J.C.	9002140234	50-286	P	CAMPBELL,M.	9002060173*	40-7102	9002070211*	50-220	Q	
BRONS,J.C.	9002220395	50-286	P	CANNON,R.P.	9002090091*	CONTRACT	CHEN,P.K.	9002120218*	WASTE MGT	
BRONS,J.C.	9002230042	50-333	P	CANTOR,C.	9002220178	CONTRACT	CHERB,J.H.	9001310453	71-9228	
BROOKS,D.	9002070206	WASTE MGT		CANTRELL,F.S.	9001310004*	50-395	CHERY,D.L.	9002070206	WASTE MGT	
BROWN,B.W.	9002140225*	50-317	Q	CANTRELL,F.S.	9002130288*	50-348	CHEUNG,L.	9002130115*	50-220	Q
BROWN,B.W.	9002140225*	50-317	Q	CANTRELL,F.S.	9002130361*	50-418	CHEUNG,L.	9002220222*	50-354	Q
BROWN,D.P.	9002120341	NUREG		CANTRELL,F.S.	9002230469*	50-395	CHILK,S.J.	8911010158*	FOIA	
BROWN,G.	9002120283	NUREG		CAPRA,R.A.	9002060291*	50-317	CHILK,S.J.	8912180135*	FOIA	
BROWN,G.	9002120316	NUREG		CAPRA,R.A.	9002070083*	50-286	CHILK,S.J.	9002010039	50-443	G
BROWN,R.	9002050223	I&E		CAPRA,R.A.	9002070176*	50-247	CHILK,S.J.	9002070252	10CFR	
BRUCER,M.	8911020054	PRM		CAPRA,R.A.	9002140210	50-317	CHILK,S.J.	9002070267	50-443	P
BRUNGARDT,R.	9002080176	50-298	F	CARLOS,B.A.	9002070411*	WASTE MGT	CHILK,S.J.	9002080049	50-275	G
BUCHANAN,C.R.	9002070167*	40-7397		CARLSON,D.M.	9001290243*	50-602	CHILK,S.J.	9002080126	50-250	G
BUCKLES,J.A.	9002160015	50-483	J	CARPENTER,D.R.	9001300155*	50-259	CHILK,S.J.	9002130105	50-445	G
BUCKLEY,B.C.	9002050375	50-280	P	CARPENTER,D.R.	9001300168*	50-259	CHILK,S.J.	9002130118	50-498	G
BUCKLEY,B.C.	9002060285	50-280	P	CARPENTER,D.R.	9002130228*	50-259	CHILK,S.J.	9002150140	10CFR	
BUCKLEY,B.C.	9002130121	50-280	P	CARPENTER,D.R.	9002140153*	50-259	CHILK,S.J.	9002230287	10CFR	
BUCKLEY,B.C.	9002130344	50-280	P	CARPENTER,J.H.	9002220029	40-2061	CHILK,S.J.	9002230281	10CFR	
BUDNITZ,R.J.	9002120348	NUREG		CARPENTER,J.H.	9002220117	40-2061	CHILK,S.J.	9002230289	10CFR	
BUELL,D.	9002130049	50-285	S	CARPENTER,J.H.	9002220141	40-2061	CHIN,A.	9002060113	71-524	
BUESCHER,B.J.	9002120329	NUREG		CARPENTER,J.H.	9002280035	40-2061	CHIN,A.	9002120095	71-524	
BUNTING,J.	9002080084*	WASTE MGT		CARPENTER,S.A.	9001300383	27-48	CHIN,A.	9002120099*	71-524	
BURDICK,T.	9001290177	50-295	V	CARR,A.V.	9002080291	PR	CHIN,P.K.W.	9002050264	71-347	
BURDICK,T.	9002050177*	50-346	V	CARR,K.M.	9001240029	50-443	CHOU,R.C.	9002070432*	50-259	Q
BURGER,K.A.	9002280225	50-317	P	CARR,K.M.	9001290096	50-400	CHOULES,N.C.	9001310251*	50-341	Q
BURGER,K.A.	9002280234*	50-317	P	CARR,K.M.	9002020033	COMMISSION	CHRISTENSEN,C.	9002130288*	50-348	Q
BURGESS,B.L.	9001300109*	50-255	Q	CARR,K.M.	9002020038	COMMISSION	CHRISTENSEN,H.	9002130361*	50-416	S
BURGESS,B.L.	9001310249*	50-315	Q	CARR,K.M.	9002050022	COMMISSION	CHRISTIANS,R.E.	9002220733	50-409	S
BURGESS,S.D.	9001310251*	50-341	Q	CARR,K.M.	9002050125	COMMISSION	CHRISTIANS,R.E.	9002230035	50-409	S
BURNETT,P.T.	9002070137*	50-416	Q	CARR,K.M.	9002050129	COMMISSION	CHRISTOFFER,G.	9001300144*	50-373	Q
BURNETT,R.F.	9002120085	70-27		CARR,K.M.	9002050186	COMMISSION	CHRISTOFFER,G.	9001310240*	50-295	Q
BURNS,T.F.	9002130214*	FOIA		CARR,K.M.	9002050189*	COMMISSION	CHRISTOPHER,T.	9002120281*	71-24	
BURRIS,S.P.	9002050079*	50-390	Q	CARR,K.M.	9002050195*	COMMISSION	CHRZANOWSKI,R.	9001310182	50-295	P
BURSKI,R.F.	9001300077	50-382	V	CARR,K.M.	9002050197*	COMMISSION	CHRZANOWSKI,R.	9001310278	50-295	P
BURSKI,R.F.	9002020109	50-382	P	CARR,K.M.	9002050201*	COMMISSION	CHRZANOWSKI,R.	9002080390*	50-295	Q
BURSKI,R.F.	9002060409	50-382	P	CARR,K.M.	9002050205*	COMMISSION	CHRZANOWSKI,R.	9002080392*	50-295	Q
BURSKI,R.F.	9002060413	50-382	Q	CARR,K.M.	9002050206*	COMMISSION	CILLIS,M.	9002160088*	50-113	Q
BURSKI,R.F.	9002060417	50-382	Q	CARR,K.M.	9002050208*	COMMISSION	CLAY,E.L.	9001290009*	70-1151	
BURT,R.M.	9001300096	50-470	A	CARR,K.M.	9002050322*	50-443	CLAY,E.L.	9002010147*	70-27	
BUTCHER,R.C.	9002010246*	50-250	Q	CARR,K.M.	9002050325*	50-443	CLAYTON,B.	9002220701*	50-295	Q
BUTLER,W.R.	9002060386*	50-272	P	CARR,K.M.	9002050327*	50-443	CLEMENT,B.	9002050090*	PRM	
BUTLER,W.R.	9002070129*	50-311	P	CARR,K.M.	9002050331*	50-443	CLINE,W.E.	9001290008	70-1151	
BUTLER,W.R.	9002070191*	50-272	P	CARR,K.M.	9002050333*	50-443	CLINE,W.E.	9001290198	50-321	Q
BUTLER,W.R.	9002160127	50-322	P	CARR,K.M.	9002050335*	50-443	CLINE,W.E.	9001300359	50-400	Q
BUTLER,W.R.	9002160130*	50-322	P	CARR,K.M.	9002050339*	50-443	CLINE,W.E.	9001310315	50-413	F
BUTLER,W.R.	9002160226*	50-354	P	CARR,K.M.	9002050340*	50-443	CLINE,W.E.	9001310360	50-321	Q
BUTTERS,D.L.	9002150339	PR		CARR,K.M.	9002050341*	50-443	CLINE,W.E.	9001310386*	50-321	Q
BYNUM,J.R.	9002080001	50-259	S	CARR,K.M.	9002050343*	50-443	CLINE,W.E.	9002010138	70-27	
BYNUM,J.R.	9002080123	50-327	S	CARR,K.M.	9002050346*	50-443	CLINE,W.E.	9002070225	50-369	F
BYNUM,J.R.	9002120042	50-327	P	CARR,K.M.	9002050350*	50-443	CLINE,W.E.	9002120074	70-1151	
BYNUM,J.R.	9002120176	50-259	S	CARR,K.M.	9002050358*	50-443	CLINE,W.E.	9002130187	70-143	
BYNUM,J.R.	9002140017	50-327	S	CARR,K.M.	9002060067	COMMISSION	CLINE,W.E.	9002150343	50-321	F
BYNUM,J.R.	9002220042	50-260	S	CARR,K.M.	9002060086	COMMISSION	CLINE,W.E.	9002160182	40-8546	
BYNUM,J.R.	9002220681	50-328	S	CARR,K.M.	9002220127	COMMISSION	CLINE,W.E.	9002160187*	40-8546	
BYRD,R.	9002010231	50-416	S	CARR,K.M.	9002220737	COMMISSION	CLYMER,W.B.	9002050394*	40-7102	
BYRD,R.	9002160163	50-416	S	CARR,K.M.	9002230156	COMMISSION	CLYMER,W.B.	9002060330*	40-7102	
BYRD,R.	9002230191	50-416	S	CARR,K.M.	9002230159*	COMMISSION	CLYMER,W.B.	9002060397*	40-7102	
CAHILL,W.J.	9001310520	50-445	A	CARR,K.M.	9002230166*	COMMISSION	CLYMER,W.B.	9002060404*	40-7102	
CAHILL,W.J.	9002010394	50-445	J	CARR,K.M.	9002230170*	COMMISSION	CLYMER,W.B.	9002060406*	40-7102	
CAHILL,W.J.	9002010399	50-445	J	CARRASCO,J.E.	9002060361*	50-334	CLYMER,W.B.	9002060408*	40-7102	
CAHILL,W.J.	9002020023	50-445	A	CARRICK,S.	9002050177*	50-346	CLYMER,W.B.	9002060415*	40-7102	
CAHILL,W.J.	9002020070	50-445	A	CARRION,R.P.	9002070432*	50-259	CLYMER,W.B.	9002060418*	40-7102	
CAHILL,W.J.	9002020074	50-445	A	CARROLL,K.	9002220254	50-29	CLYMER,W.B.	9002070047*	40-7102	
CAHILL,W.J.	9002050268	50-445	A	CARSON,L.C.	9002160088*	50-113	CLYMER,W.B.	9002070283*	40-7102	
CAHILL,W.J.	9002060387	50-445	Q	CARSON,R.	9002060185	50-10	COCKFIELD,D.W.	9001290039	50-344	P
CAHILL,W.J.	9002070016	50-445	Q	CARSON,R.J.	9002160150*	CONTRACT	COCKFIELD,D.W.	9001300087	50-344	Q
CAHILL,W.J.	9002070017	50-445	A	CARSON,R.T.	9002060149	50-10	COCKFIELD,D.W.	9001300375	50-344	P
CAHILL,W.J.	9002120230	70-2932		CASHWELL,R.J.	9002020012	50-156	COCKFIELD,D.W.	9001310405	50-344	Q
CAHILL,W.J.	9002120233	50-445	A	CASTO,C.A.	9001300100*	50-413	COCKFIELD,D.W.	9001310416	50-344	P
CAHILL,W.J.	9002120245	50-445	Q	CASTO,C.A.	9002010255*	50-400	COCKFIELD,D.W.	9001310432	50-344	P
CAHILL,W.J.	9002120278	50-445	A	CASTO,C.A.	9002090094*	50-250	COCKFIELD,D.W.	9001310436*	50-344	P
CAHILL,W.J.	9002130067	50-445	Q	CASTO,C.A.	9002140076*	50-413	COCKFIELD,D.W.	9002020010	50-344	S
CAHILL,W.J.	9002130090	50-445	P	CATCHPOLE,G.J.	9002010088	40-8958	COCKFIELD,D.W.	9002020092	50-344	P
CAHILL,W.J.	9002150161	50-445	S	CATRON,N.S.	9002230259	50-327	COCKFIELD,D.W.	9002120294	50-344	P
CAHILL,W.J.	9002150165	50-445	S	CESARE,J.G.	9002220367	50-416	COCKFIELD,D.W.	9002130114	50-344	R
CAHILL,W.J.	9002220741	50-445	Q	CESARE,J.G.	9002230191	50-416	COCKFIELD,D.W.	9002220186	50-344	F
CAHILL,W.J.	9002230184	50-445	F	CESARINI,J.	9002130174	PR	COCKFIELD,D.W.	9002230243	PR	
CALDERONE,J.W.	9001300196*	50-213	Q	CHAMBERLAIN,D.	9001300023*	50-382	COCKFIELD,D.W.	9002230425	50-344	S
CALDWELL,R.A.	9002130282*	50-285	Q	CHAMBERLAIN,D.	9002050283	50-382	COHEN,S.	9002020227*	CONTRACT	
CALIA,A.J.	9002080083	50-250	G	CHAMBERLAIN,D.	9002130290*	50-313	COHEN,W.S.	9002050030*	50-443	H
CALLAN,L.J.	9002140144	REVIEW GR	P	CHAMBERS,W.F.	9002070418*	WASTE MGT	COLBURN,T.G.	9002010213	50-440	F
CALLAN,L.J.	9002180198	50-285	V	CHAN,T.L.	9001290105	50-529	COLBURN,T.G.	9002070199	50-440	P
CALVO,J.A.	9002220054	REVIEW GR	P	CHAN,T.L.	9002010374	50-528	COLEY,J.L.	9001310284*	50-324	Q
CAMP,A.L.	9002120309	NUREG		CHAN,T.L.	9002140065	50-529	COLEY,J.L.	9002020232*	50-269	Q
CAMPBELL,G.T.	9002050215*	40-8948		CHAN,T.L.	9002150207	50-528	COLEY,J.L.	9002070074*	50-324	Q
CAMPBELL,G.T.	9002060280*	40-7102		CHAN,T.L.	9002220583	50-528	COLLIER,D.	9002130144	PR	
CAMPBELL,G.T.	9002070317*	40-8948		CHAPMAN,J.	9001300054*	WASTE MGT	COLLINS,D.J.	9001310444*	50-54	Q

## 224 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
COLLINS,D.J.	9002230158*	FOIA	CONTE,R.J.	9002070276*	50-277 V	CREEL,G.C.	9002080116	50-317 P
COLLINS,D.M.	9001310106*	50-400	CONTE,R.J.	9002090118	50-410 V	CREEL,G.C.	9002080122	50-317 P
COLLINS,D.M.	9001310106*	50-369	CONWAY,R.D.	9002220719	50-423 S	CREEL,G.C.	9002120083	50-317 P
COLLINS,D.M.	9002090023	50-348	CONWAY,W.F.	9001290244	50-530 P	CREEL,G.C.	9002140135	50-317 P
COLLINS,D.M.	9002150323	70-27	CONWAY,W.F.	9001300258	50-528 Q	CREEL,G.C.	9002220558	50-317 Q
COLLINS,D.M.	9002230482	50-413	CONWAY,W.F.	9002050211	50-528 P	CREEL,G.C.	9002230241	50-317 P
COLLINS,E.E.	9001310106*	50-219	CONWAY,W.F.	9002050369	50-528 P	CREEL,G.C.	9002230245	50-317 P
COLLINS,E.E.	9002010372*	50-289	CONWAY,W.F.	9002080011	50-528 P	CRIBBE,T.E.	9001300202	50-278 S
COLLINS,E.E.	9002060398	50-219	CONWAY,W.F.	9002080060	50-528 P	CRIBBE,T.E.	9001310028	50-277 S
COLLINS,J.T.	9002130209*	FOIA	CONWAY,W.F.	9002150106	50-528 P	CRIMMINS,T.M.	9002050297	50-311 P
COLLINS,S.J.	9001250182	50-298	CONWAY,W.F.	9002150145	50-528 F	CRLENJAK,R.V.	9002090034	50-302 Q
COLLINS,S.J.	9001290005	50-482	CONWAY,W.F.	9002150184	50-528 F	CROCKER,L.P.	9001310171	50-321 P
COLLINS,S.J.	9001290117	50-458	CONWAY,W.F.	9002220137	50-528 F	CROCKER,L.P.	9001310224	50-321 P
COLLINS,S.J.	9001290123	50-298	CONWAY,W.F.	9002220726	50-528 J	CROCKER,L.P.	9002080358	50-366 P
COLLINS,S.J.	9001290186	50-382	CONWAY,W.F.	9002220735	50-528 J	CROOK,R.D.	9002220099	50-261 S
COLLINS,S.J.	9001300012	50-313	CONWAY,W.F.	9002230126	PR	CROSBIE,K.L.	9002140166	70-1359
COLLINS,S.J.	9001300019	50-382	COOK,J.	9002050369	50-333 R	CROWLEY,B.R.	9001310087*	50-335 Q
COLLINS,S.J.	9001300360	50-298	COOL,D.A.	8505240563*	40-7102	CRUTCHFIELD,D.	9002090171*	50-259 Q
COLLINS,S.J.	9001300379	50-458	COOPER,R.W.	9001310251*	50-341 Q	CRUNK,S.L.	9002220263	50-312 R
COLLINS,S.J.	9001310051	50-482	COOPER,R.W.	9002220092	50-249 Q	CRUNK,S.L.	9002230273	50-312 R
COLLINS,S.J.	9001310443	50-313	COOPER,R.W.	9002230433	50-346 Q	CRUTCHFIELD,D.	9002010338	50-445 Q
COLLINS,S.J.	9002010124	50-458	COOPER,R.W.	9002050024	50-275 U	CRUTCHFIELD,D.	9002010340*	50-445 Q
COLLINS,S.J.	9002050011	50-498	CORDES,J.F.	9002220049	50-322 P	CRUTCHFIELD,D.	9002090165	50-259 Q
COLLINS,S.J.	9002050287	50-267	COSLOW,B.J.	9002080361*	50-275 Q	CRUTCHFIELD,D.	9002120101	50-259 Q
COLLINS,S.J.	9002050294	50-285	COSTELLO,J.	9002060173*	40-7102	CRUTCHFIELD,D.	9002120115*	50-259 Q
COLLINS,S.J.	9002050300	50-313	COSTELLO,J.B.	9001310385	50-280 F	CRUTCHFIELD,D.	9002150287	50-445 Q
COLLINS,S.J.	9002060305	50-382	COTTER,B.P.	9002080012	50-250 G	CULBERTSON,D.L.	9002130164	PR
COLLINS,S.J.	9002060322	50-458	COTTLE,W.T.	9001290181	50-416 J	CUMMINS,J.E.	9002090010*	50-298 Q
COLLINS,S.J.	9002060328	50-267	COTTLE,W.T.	9001310395	50-416 F	CUNNINGHAM,R.E.	9001030097	40-8027
COLLINS,S.J.	9002060344	50-298	COTTLE,W.T.	9002010119	50-416 S	CUNNINGHAM,R.E.	9001300424	50-3 Q
COLLINS,S.J.	9002070043	50-285	COTTLE,W.T.	9002010231	50-416 S	CURRAN,D.	9002010054	50-443 G
COLLINS,S.J.	9002070125	50-285	COTTLE,W.T.	9002050334	50-416 J	CURRAN,D.	9002010054	50-443 G
COLLINS,S.J.	9002070128*	50-285	COTTLE,W.T.	9002060019	50-416 S	CURRAN,D.	9002080137	50-443 G
COLLINS,S.J.	9002070165	50-285	COTTLE,W.T.	9002060215	50-416 S	CURRAN,D.	9002080137	50-443 G
COLLINS,S.J.	9002070185	50-498	COTTLE,W.T.	9002070408	50-416 J	CURRAN,D.	9002120361	50-443 G
COLLINS,S.J.	9002070293	50-498	COTTLE,W.T.	9002080192	50-416 Q	CURRAN,D.	9002120361	50-443 G
COLLINS,S.J.	9002070307	50-382	COTTLE,W.T.	9002150122	50-417 R	CURRAN,D.	9002130041	50-443 G
COLLINS,S.J.	9002070465	50-382	COTTLE,W.T.	9002160163	50-416 S	CURRAN,D.	9002130041	50-443 G
COLLINS,S.J.	9002080013	50-498	COTTLE,W.T.	9002220191	50-416 S	CURRAN,D.	9002150037	50-443 G
COLLINS,S.J.	9002080208	50-458	COTTLE,W.T.	9002220723	50-416 Q	CURRAN,D.	9002150037	50-443 G
COLLINS,S.J.	9002080240	50-313	COTTON,S.R.	9001310395	50-416 F	CURRAN,D.	9002220018	50-443 G
COLLINS,S.J.	9002080243	50-285	COUCH,O.	9002230188	PR	CURRAN,D.	9002220018	50-443 G
COLLINS,S.J.	9002090008	50-298	COURTEMACHE,S.	9001290031	I&E	CURRAN,D.	9002220093	50-443 G
COLLINS,S.J.	9002090172	50-313	COWLES,R.B.	9002070207	50-354 S	CURRAN,D.	9002220093	50-443 G
COLLINS,S.J.	9002090180	50-498	COWLES,R.B.	9002080103	50-354 S	CURRAN,D.	9002280027	50-443 G
COLLINS,S.J.	9002130131	50-285	COWLES,R.B.	9002130341	50-354 S	CURRAN,D.	9002280027	50-443 G
COLLINS,S.J.	9002130224	50-482	COWPER,S.	9002220053	PR	CURRAN,D.	9002280027	50-443 G
COLLINS,S.J.	9002130255	50-313	CRAIG,J.W.	9001310418	50-295 P	CURRAN,D.	9002280068	50-443 G
COLLINS,S.J.	9002130256	50-382	CRAIG,J.W.	9001310440*	50-373 P	CURRAN,D.	9002280068	50-443 G
COLLINS,S.J.	9002130257	50-458	CRAIG,J.W.	9002140106*	50-454 P	CUTTER,A.B.	9001300154	50-261 Q
COLLINS,S.J.	9002130258	50-285	CRAIG,J.W.	9002160118*	50-461 P	CUTTER,A.B.	9002050034	50-324 P
COLLINS,S.J.	9002130275	50-285	CRAIG,J.W.	9002160133*	50-454 P	CUTTER,A.B.	9002080020	50-261 Q
COLLINS,S.J.	9002130281	50-285	CRAIG,J.W.	9002160146*	50-454 P	CUTTER,A.B.	9002080023	50-400 Q
COLLINS,S.J.	9002130284	50-313	CRAIG,J.W.	9002160201*	50-461 P	CUTTER,A.B.	9002080027	50-400 Q
COLLINS,S.J.	9002140007	50-458	CRAIG,J.W.	9002160205*	50-461 P	CUTTER,A.B.	9002080031	50-261 P
COLLINS,S.J.	9002140033	50-482	CRAMOND,W.R.	9002120309	NUREG	CUTTER,A.B.	9002140200	50-324 Q
COLLINS,S.J.	9002140258	50-458	CRAMPTON,S.	9001310133	CONTRACT	CUTTER,A.B.	9002140201	50-261 P
COLLINS,S.J.	9002150292	50-313	CRAMPTON,S.	9001310142	CONTRACT	CUTTER,A.B.	9002150092	50-324 P
COLLINS,S.J.	9002220391	50-313	CRAMPTON,S.	9001310149	CONTRACT	CUTTER,A.B.	9002220081	50-261 P
COLLINS,S.J.	9002220584	50-382	CRAMPTON,S.	9001310155	CONTRACT	CZESCHIN,G.J.	9002130277	50-483 S
COLLINS,S.J.	9002230087	50-498	CRAMPTON,S.	9001310166	CONTRACT	DAHLBERG,K.	9001310034	50-220 R
COLLOPY,T.J.	9002010363	70-371	CRAMPTON,S.	9001310175	CONTRACT	DALZETT,T.	9002120351	50-275 G
COLOMB,M.J.	9001300190	50-410	CRAMPTON,S.	9002010218	CONTRACT	DAMPF,J.	9002150095	50-483 F
COLOMB,M.J.	9002070108	50-410	CRAMPTON,S.	9002010264	CONTRACT	DANCE,H.	9002150280*	50-400 Q
COLOMBO,R.W.	9001290110	50-312	CRAMPTON,S.	9002070141	CONTRACT	DANCE,H.	9002230125*	50-400 Q
COLOMBO,R.W.	9002230196	50-312	CRAMPTON,S.	9002080196	CONTRACT	DANIELSON,D.H.	9001300140*	50-255 Q
COLTON,E.	9002080041	XPORTLIC	CRAMPTON,S.A.	9001290024	CONTRACT	DANIELSON,D.H.	9002220101*	50-249 Q
COLUSSY,D.A.	9001310195*	70-371	CRAMPTON,S.A.	9001290061	CONTRACT	DANIELSON,D.H.	9002230434*	50-346 Q
COLVIN,J.F.	9002080298	PR	CRAMPTON,S.A.	9001290068	CONTRACT	DAVIS,A.B.	9001310157	50-346 P
COLVIN,J.F.	9002080306	PR	CRAMPTON,S.A.	9001290071	CONTRACT	DAVIS,A.B.	9001310242	50-237 S
COMFORT,G.	9001310444*	50-54	CRAMPTON,S.A.	9001290200	CONTRACT	DAVIS,A.B.	9002080387	50-295 Q
CONKLIN,C.J.	9001310444*	50-54	CRANSTON,A.	9002050161*	XPORTLIC	DAVIS,A.B.	9002090104	50-295 Q
CONLEY,D.A.	9002120329	NUREG	CRAPAROTTA,J.J.	9002120178	50-219 P	DAVIS,A.B.	9002090107*	50-295 Q
CONLON,T.	9001310002*	50-302	CRAWFORD,A.C.	9001290037	50-267 P	DAVIS,A.B.	9002220145	50-263 Q
CONLON,T.	9002130180*	50-302	CRAWFORD,A.C.	9001290044	50-267 Q	DAVIS,A.B.	9002220146*	50-263 Q
CONLON,T.E.	9002060094*	50-302	CRAWFORD,A.C.	9002010096	50-267 F	DAVIS,A.B.	9002230056	50-461 Q
CONLON,T.E.	9002160149*	50-261	CRAWFORD,A.C.	9002050348	50-267 P	DAVIS,E.	9002220004	PR
CONNORS,H.J.	9002020264*	50-247	CRAWFORD,A.C.	9002050352*	50-267 P	DAVIS,F.C.	9002050317*	40-7102
CONSTABLE,G.L.	9001290192	50-458	CRAWFORD,A.C.	9002090372	50-267 Y	DAVIS,F.C.	9002050429*	40-7102
CONSTABLE,G.L.	9002060345*	50-298	CRAWFORD,A.C.	9002140194	50-267 P	DAVIS,J.	9001170428*	FOIA
CONSTABLE,G.L.	9002220426	50-458	CREED,J.R.	9001300144*	50-373 Q	DAVIS,M.J.	9002020221	50-305 P
CONSTABLE,G.L.	9002230205	50-298	CREED,J.R.	9001310240*	50-295 Q	DAVIS,M.J.	9002220212	50-305 P
CONSTABLE,G.L.	9002230216	50-298	CREED,J.R.	9002090256*	50-315 Q	DAVIS,M.J.	9002220326	50-305 P
CONTE,R.	9002060378*	50-220	CREED,J.R.	9002220216*	50-255 Q	DAVIS,M.J.	9002220592	50-305 Q
CONTE,R.	9002070215*	50-277	CREEL,G.C.	9002010284	50-317 P	DAVIS,S.E.	9002060168	50-388 S
CONTE,R.	9002180154	50-352	CREEL,G.C.	9002050007	50-317 F	DAVIS,S.E.	9002220014	50-387 S
CONTE,R.J.	9002010345	50-410	CREEL,G.C.	9002050008	50-317 F	DE AGAZIO,A.W.	9002220316	50-255 P
CONTE,R.J.	9002070243*	50-245	CREEL,G.C.	9002070116	50-317 P	DE HAAN,N.	9002130195	PR



AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
DEAN,R.S.	9002120237	NUREG	DROMERICK,A.W.	9002070118	50-219	ENGLAND,L.A.	9002080021	50-458
DEBEY,T.M.	9001290115	50-274	DROMERICK,A.W.	9002120232	50-219	ENGLAND,L.A.	9002120299	50-458
DECKER,T.R.	9001310099*	50-280	DROMERICK,A.W.	9002120238	50-219	ENGLAND,L.A.	9002120339	50-458
DECONCINI,D.	9002050110*	PRM	DROMERICK,A.W.	9002140217	50-219	ENGLE,L.B.	9002140131	50-338
DEDDENS,J.C.	9002020171	50-458	DROMERICK,A.W.	9002160194	50-219	ERICKSON,P.B.	9002060196	50-267
DEDDENS,J.C.	9002020213	50-458	DROMERICK,A.W.	9002160208	50-219	ERICSON,D.M.	9002120309	NUREG
DEDDENS,J.C.	9002150270	50-458	DROMERICK,A.W.	9002230017	50-219	ERIKSON,R.L.	9002120263	NUREG
DEDDENS,J.C.	9002150296	50-458	DROUIN,M.T.	9002120309	NUREG	ERNSTES,M.E.	9001300292*	50-395
DEDDENS,J.C.	9002160090	50-458	DRYSDALE,P.D.	9001310444*	50-54	ESELGROTH,P.W.	9001310029*	50-443
DEDDENS,J.C.	9002220151	50-458	DUBOSE,B.J.	9002010307	CONTRACT	ESELGROTH,P.W.	9001310262*	50-317
DEDDENS,J.C.	9002220576	50-458	DUBOSE,B.J.	9002060077	CONTRACT	ESELGROTH,P.W.	9002010395	50-272
DEEDS,W.E.	9002120284	NUREG	DUBOSE,B.J.	9002060084	CONTRACT	ESELGROTH,P.W.	9002070023	50-317
DEERS,C.J.	9002050271	71-23	DUBOSE,B.J.	9002090147	CONTRACT	ESELGROTH,P.W.	9002090110	50-5
DEFAYETTE,R.	9001310144*	50-341	DUBOSE,B.J.	9002130173	CONTRACT	ESELGROTH,P.W.	9002140184*	50-244
DEFAYETTE,R.W.	9001300302*	50-263	DUGSTAD,D.	9002150002	50-282	ESELGROTH,P.W.	9002150216*	50-213
DEFAYETTE,R.W.	9001310134*	50-155	DULICK,A.M.	9002080157	50-334	ESELGROTH,P.W.	9002160065	50-443
DEFFENBAUGH,J.	9002120167	NUREG	DULICK,A.M.	9002080231*	50-334	ESELGROTH,P.W.	9002070023	50-223
DEFFENBAUGH,J.	9002120296	NUREG	DULICK,A.M.	9002080233*	50-334	ESELGROTH,P.W.	9002230510	50-336
DEGRAZIA,B.C.	9002150315	FOIA	DUNCAN,J.J.	9002050104*	PRM	ESELGROTH,P.W.	9002230533	50-213
DELAWARENCE,J.L.	9001300196*	50-213	DURR,J.	9002090202	50-317	ESTREICHER,H.	9002080075	40-2061
DELLA RATTA,A.	9001300130*	50-166	DURR,J.P.	9001310279	50-286	ESTREICHER,H.	9002080075	40-2061
DELLA RATTA,A.	9002160178*	50-317	DURR,J.P.	9002060003	50-219	EVANS,J.S.	9002120313	NUREG
DEMARCHO,D.	9002020151	CONTRACT	DURR,J.P.	9002060005	50-387	EVERS,K.H.	9001290103	50-305
DEMARCHO,D.	9002020163*	CONTRACT	DURR,J.P.	9002060324	50-272	EVERS,K.H.	9001310373	50-305
DENNIG,R.L.	9002080167	REVIEW GR	DURR,J.P.	9002060353	50-334	EVERS,K.H.	9002050419	50-305
DENTON,R.E.	9002160170	50-317	DURR,J.P.	9002070220	50-387	EVERS,K.H.	9002080214	50-305
DESCHAMPS,F.	9002020296*	FOIA	DURR,J.P.	9002070228	50-309	EVERS,K.H.	9002120312	50-305
DESCHAMPS,F.	9002020308*	FOIA	DURR,J.P.	9002070255	50-387	EVERS,K.H.	9002140274	50-305
DESCHAMPS,F.	9002020310*	FOIA	DURR,J.P.	9002070316	50-317	EVERS,K.H.	9002150013	50-305
DEVINCENTIS,J.	9001310389	50-29	DURR,J.P.	9002130109	50-220	EVERS,K.H.	9002230378	PR
DEVINE,J.C.	9002010261	50-219	DURR,J.P.	9002160180	50-272	EWING,E.C.	9001300186	50-313
DEVINE,J.C.	9002020102	50-289	DURR,J.P.	9002160181	50-334	EWING,E.C.	9001300377	50-313
DEWEASE,J.G.	9002120058	50-382	DURR,J.P.	9002220222*	50-354	EWING,E.C.	9001300378	50-313
DEWEASE,J.G.	9002220356	50-382	DURR,J.P.	9002220231	50-247	EWING,E.C.	9001310009	50-368
DIAMOND,D.J.	9002120269	NUREG	DURR,J.P.	9002220287*	50-443	EWING,E.C.	9002050168	50-313
DICUS,G.J.	9002080217	PR	EAGLESON,D.	9002120017*	70-398	EWING,E.C.	9002060382	50-313
DIEDERICH,G.J.	9002230049	50-373	EAGLESON,D.	9002120019*	70-398	EWING,E.C.	9002080162	50-368
DIEDERICH,G.J.	9002230055	50-373	EAPEN,P.K.	9001310287*	50-286	EWING,E.C.	9002120094	50-313
DIEDERICH,G.J.	9002230092	50-373	EAPEN,P.K.	9002220234*	50-247	EWING,E.C.	9002120252	50-368
DIEDERICH,G.J.	9002230180	50-374	EARNST,A.B.	9002090181*	50-498	EWING,E.C.	9002120317	50-313
DIEDERICH,G.J.	9002230185	50-374	EARNST,A.B.	9002140009*	50-458	EWING,E.C.	9002120327	50-313
DIETZ,C.R.	9001290138	50-261	EASLICK,T.A.	9002070243*	50-245	EWING,E.C.	9002150011	50-313
DIGNAN,T.G.	9002010078	50-443	EBNETER,S.D.	9001310121	50-369	FAIRTILE,M.B.	9002020318	50-271
DIGNAN,T.G.	9002010078	50-443	EBNETER,S.D.	9002010317	50-413	FAIRTILE,M.B.	9002060125	50-271
DIGNAN,T.G.	9002080045*	50-443	EBNETER,S.D.	9002050299	50-261	FAIRTILE,M.B.	9002060237	50-271
DIGNAN,T.G.	9002080045*	50-443	EBNETER,S.D.	9002060089	50-302	FAIRTILE,M.B.	9002130005	50-271
DIGNAN,T.G.	9002080045*	50-443	EBNETER,S.D.	9002080236	50-400	FALON,R.C.	9002080301	PR
DIGNAN,T.G.	9002220028	50-443	EBNETER,S.D.	9002080246	50-302	FALON,R.C.	9002080301	PR
DIGNAN,T.G.	9002220028	50-443	EBNETER,S.D.	9002080311	50-324	FARROW,D.	9002130212	PR
DIGNAN,T.G.	9002280001	50-443	EBNETER,S.D.	9002080313*	50-324	FASCELL,D.B.	9001300107*	50-250
DIGNAN,T.G.	9002280001	50-443	EBNETER,S.D.	9002090017	50-280	FAUST,N.	9002150174	PR
DIGNAN,T.G.	9002280002	50-443	EBNETER,S.D.	9002090021	50-250	FAUST,N.	9002150174	PR
DIGNAN,T.G.	9002280002	50-443	EBNETER,S.D.	9002090201	50-321	FAY,C.W.	9002050277	50-301
DIGNAN,T.G.	9002280003	50-443	EBNETER,S.D.	9002130283	50-338	FAY,C.W.	9002150005	50-266
DIGNAN,T.G.	9002280003	50-443	EBNETER,S.D.	9002150336	50-424	FEIGENBAUM,T.	9002220085	50-443
DIGNAN,T.G.	9002280004	50-443	EBNETER,S.D.	9002230120	50-400	FEIGENBAUM,T.C.	9001290012	50-443
DIGNAN,T.G.	9002280018	50-443	EDDY,J.D.	9001310270	50-155	FEIGENBAUM,T.C.	9001290026	50-443
DIGNAN,T.G.	9002280018	50-443	EDDY,J.D.	9002220195	50-155	FEIGENBAUM,T.C.	9001290233	50-443
DIANNI,D.	9002080385	50-282	EDELSON,J.W.	9002080155*	50-250	FEIGENBAUM,T.C.	9001300431	50-443
DIANNI,D.C.	9002130260	50-282	EDGAR,G.L.	9002080096	50-445	FEIGENBAUM,T.C.	9002010257	50-443
DIANNI,D.C.	9002220001	50-282	EDGAR,G.L.	9002080096	50-445	FEIGENBAUM,T.C.	9002020009	50-443
DILTS,A.J.	9002230300	PR	EDGEWORTH,P.J.	8905190180*	CONTRACT	FEIGENBAUM,T.C.	9002020014	50-443
DILTS,A.J.	9002230300	PR	EDGEWORTH,P.J.	9002230144*	CONTRACT	FEIGENBAUM,T.C.	9002020108	50-443
DOCTOR,S.R.	9002120167	NUREG	EDISON,G.E.	9002230246	50-250	FEIGENBAUM,T.C.	9002020112	50-443
DOCTOR,S.R.	9002120296	NUREG	EDWARDS,C.	9002150168	PR	FEIGENBAUM,T.C.	9002060347	50-443
DODD,C.J.	9002050044*	ORG	EENIGENBURG,E.	9002090035	50-237	FEIGENBAUM,T.C.	9002060355	50-443
DODD,C.V.	9002120284	NUREG	EENIGENBURG,E.	9002230211	50-237	FEIGENBAUM,T.C.	9002080065	50-443
DODD,BUTTERS,S.	9002150339	PR	EGAN,S.P.	9002010043	50-443	FEIGENBAUM,T.C.	9002090105*	50-443
DODGE,C.E.	9001300047*	50-387	EGAN,S.P.	9002010043	50-443	FEIGENBAUM,T.C.	9002130355	50-443
DODGE,R.E.	9002050284	50-244	EISENHART,L.D.	9002120372*	50-369	FEIGENBAUM,T.C.	9002150261	50-443
DOERFLEIN,L.T.	9002060370*	50-352	ELLIS,J.	9002050170	50-445	FEIGENBAUM,T.C.	9002220226	50-443
DOERFLEIN,L.T.	9002220227*	50-352	ELLIS,J.	9002080204	50-445	FEIGENBAUM,T.C.	9002220236	50-443
DOMES,L.E.	9002010170	PROJ	ELMS,A.L.	9002220742	50-423	FEIGENBAUM,T.C.	9002220338	50-443
DOMES,L.E.	9002070386	PROJ	ELSEN,M.J.	9001290070	27-48	FEIGENBAUM,T.C.	9002220725	50-443
DONOHUE,J.	9002140061	50-327	ELWARD,T.W.	9002150072	50-155	FEIGENBAUM,T.C.	9002230207	50-443
DORAN,H.V.	9002080251	PR	ELWELL,W.	9002060308*	40-7102	FEIGENBAUM,T.C.	9002230221	50-443
DORAN,H.V.	9002080251	PR	ELWELL,W.	9002060313*	40-7102	FELTHOUS,R.A.	9001290211*	CONTRACT
DOSTIE,P.J.	9001300071	50-309	EMCH,R.L.	9002020117	REVIEW GR	FELTON,J.M.	9002060023	FOIA
DOYLE,M.	9002140250	PR	EMMETT,J.H.	9001300047*	50-387	FELTON,J.M.	9002230208	FOIA
DRAHOS,F.R.	9002080006*	50-353	EMORY,C.V.	9001300437	40-7580	FERDINAND,B.	9002010332	40-8905
DRAHOS,F.R.	9002120329	NUREG	ENG,P.	9002220399*	50-341	FERNANDEZ,W.	9001300189	50-333
DRAWBRIDGE,B.L.	9002130355	50-443	ENG,P.L.	9002020081	50-341	FERNANDEZ,W.	9002080407	50-333
DREW,L.A.	9002120204	40-8914	ENG,P.L.	9002020176	50-341	FERNANDEZ,W.	9002080139	50-333
DROKE,R.P.	9001280242	71-5517	ENG,P.L.	9002050275	50-341	FERNANDEZ,W.	9002090186	50-333
DROKE,R.P.	9002090049	71-4949	ENG,P.L.	9002130289	50-341	FERNANDEZ,W.	9002220303	50-333
DROMERICK,A.W.	9002010020	50-219	ENG,P.N.	9001310251*	50-341	FERNANDEZ,W.	9002220344	50-333
DROMERICK,A.W.	9002010384	50-219	ENGEL,R.F.	9002160203	50-219	FERNANDEZ,W.	9002230504	50-333
DROMERICK,A.W.	9002010391	50-219	ENGLAND,L.A.	9002080016	50-458	FERNANDEZ,W.	9002260448	50-333

## 226 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
FIELDS,J.	9001290136	CONTRACT	GALLO,R.M.	9001310469*	50-247 Q	GAVULA,J.A.	9001300140*	50-255 Q
FIELDS,J.	9002160147	CONTRACT	GALLO,R.M.	9002010005	50-423 Q	GEARS,G.E.	9002050413	50-259 P
FIELDS,J.S.	9002070188	50-387 R	GALLO,R.M.	9002060118	50-244 Q	GEARS,G.E.	9002060283	50-280 P
FILLION,P.J.	9002060094*	50-302 Q	GALLO,R.M.	9002060375	50-220 Q	GEARS,G.E.	9002160058	50-280 P
FILLION,P.J.	9002130180*	50-302 Q	GALLO,R.M.	9002070210	50-277 V	GERTZ,C.P.	9002010411	WASTE MGT
FINEMAN,C.P.	9001120312*	50-413 P	GALLO,R.M.	9002070238	50-245 V	GERTZ,C.P.	9002010437	WASTE MGT
FINEMAN,C.P.	9001120312*	50-413 P	GALLO,R.M.	9002070275	50-277 V	GERTZ,C.P.	9002070339	WASTE MGT
FINEMAN,C.P.	9001220107*	50-395 P	GALLO,R.M.	9002130120	50-29 Q	GERTZ,C.P.	9002070397	WASTE MGT
FINKELA	9002230488*	50-245 Q	GALLO,R.M.	9002140068	50-309 V	GIBBONS,D.R.	9002050240*	40-8948
FISH,H.C.	9002060407	50-333 S	GALLO,R.M.	9002140074	50-272 V	GIBBS,D.D.	9002130023*	70-25
FISH,H.C.	9002080139	50-333 S	GALLO,R.M.	9002140080	50-29 V	GIBSON,A.F.	8803220156*	FOIA
FISH,H.C.	9002220303	50-333 S	GALLO,R.M.	9002140084	50-289 V	GIBSON,A.F.	9001300459	50-280 Q
FISH,H.C.	9002220344	50-333 S	GALLO,R.M.	9002140093	50-320 V	GIBSON,A.F.	9001310081	50-335 Q
FISH,H.C.	9002260448	50-333 S	GALLO,R.M.	9002140097	50-443 V	GIBSON,A.F.	9001310083*	50-335 Q
FISHER,W.L.	9002010139	40-8027	GALLO,R.M.	9002140105	50-322 V	GIBSON,A.F.	9002050401	50-400 Q
FISCARO,J.J.	9001240149	50-368 P	GALLO,R.M.	9002140108	50-387 V	GIBSON,A.F.	9002050404*	50-400 Q
FISCARO,J.J.	9002020037	50-313 P	GALLO,R.M.	9002140111	50-333 V	GIBSON,A.F.	9002060080	50-280 Q
FISCARO,J.J.	9002050293	50-313 P	GALLO,R.M.	9002140113	50-277 V	GIBSON,A.F.	9002130210	50-250 Q
FISCARO,J.J.	9002050304	50-313 P	GALLO,R.M.	9002140118	50-213 V	GIBSON,A.F.	9002130215*	50-250 Q
FISCARO,J.J.	9002080135	50-313 P	GALLO,R.M.	9002140119	50-271 V	GIBSON,A.F.	9002130372	50-335 Q
FISCARO,J.J.	9002080185	50-313 Q	GALLO,R.M.	9002140120	50-220 V	GIBSON,C.	9002130177	PR
FISCARO,J.J.	9002080242	50-313 P	GALLO,R.M.	9002140121	50-219 V	GIBSON,H.W.	9002090041	71-6717
FISCARO,J.J.	9002120297	50-313 P	GALLO,R.M.	9002140122	50-293 V	GIERICH,T.	9002220074	50-455 S
FISCARO,J.J.	9002230045	50-368 P	GALLO,R.M.	9002140125	50-317 V	GIGLIOTTI,R.J.	9002130316	70-371
FISK,R.H.	9001290218*	XPORTLIC	GALLO,R.M.	9002140128	50-244 V	GIGLIOTTI,R.J.	9002130338	70-371
FISK,R.H.	9001290220*	XPORTLIC	GALLO,R.M.	9002140132	50-286 V	GITTER,J.	9002230148	50-315 F
FISK,R.H.	9002080152*	XPORTLIC	GALLO,R.M.	9002140137	50-293 V	GITTER,J.G.	9001290176	50-315 P
FITZPATRICK,E.	9001310122	50-219 Q	GALLO,R.M.	9002140146	50-166 V	GITTER,J.G.	9002220181	50-315 P
FITZPATRICK,E.	9002010107	50-219 Q	GALLO,R.M.	9002140148	50-54 V	GILLESPIE,P.P.	9001310503*	50-155 P
FITZPATRICK,E.	9002020030	50-219 Q	GALLO,R.M.	9002140149	50-334 V	GILMAN,T.R.	9002060149	50-10 F
FITZPATRICK,E.	9002120295	50-219 P	GALLO,R.M.	9002140152	50-57 V	GILMAN,T.R.	9002060185	50-10 F
FITZPATRICK,R.	9001290314*	50-275 P	GALLO,R.M.	9002140157	50-193 V	GIRARD,E.	9002130217*	50-250 Q
FITZPATRICK,R.	9002120269	NUREG	GALLO,R.M.	9002140160	50-225 V	GLADDING,C.J.	9001300196*	50-213 Q
FLINGON,C.	9002070124	XPORTLIC	GALLO,R.M.	9002140164	50-20 V	GLASMAN,M.M.	9001310266*	50-335 Q
FLINGON,C.	9002080034	XPORTLIC	GALLO,R.M.	9002140168	50-199 V	GLENN,J.E.	8411140267*	FOIA
FLINGOU,C.	9002010436	XPORTLIC	GALLO,R.M.	9002140172	50-223 V	GLENN,J.E.	8501090516*	FOIA
FLOREK,D.	9002160154	50-352 S	GALLO,R.M.	9002140173	50-134 V	GLENN,J.E.	8501090518*	FOIA
FLOREK,D.J.	9002070243*	50-245 V	GALLO,R.M.	9002140176	50-184 V	GLENN,J.E.	8501210428*	FOIA
FLOYD,S.D.	9002080263	PR	GALLO,R.M.	9002140177	50-247 V	GLENN,J.E.	8501210433*	FOIA
FLYNN,H.J.	9002150103	50-443 G	GALLO,R.M.	9002140180	50-286 V	GLENN,J.E.	8502270232*	FOIA
FLYNN,H.J.	9002280005	50-443 G	GALLO,R.M.	9002140182	50-309 V	GLENN,J.E.	8506140009*	FOIA
FLYNN,H.J.	9002280008*	50-443 G	GALLO,R.M.	9002140183	50-244 Q	GLENN,J.E.	8506140011*	FOIA
FLYNN,M.J.	9002010318*	CONTRACT	GALLO,R.M.	9002140254	50-333 V	GLENN,J.E.	9002130161	ORG
FLYNN,M.J.	9002120155*	CONTRACT	GALLO,R.M.	9002140257	50-220 V	GLOVER,R.M.	9002120039	50-413 S
FLYNN,M.J.	9002150006*	CONTRACT	GALLO,R.M.	9002140262	50-271 V	GLOVER,R.M.	9002130329	50-414 S
FLYNN,M.J.	9002220035*	CONTRACT	GALLO,R.M.	9002140266	50-317 V	GLOVER,R.M.	9002130347	50-413 S
FLYNN,M.J.	9002220187*	CONTRACT	GALLO,R.M.	9002140268	50-244 V	GNUGNOLI,G.	9001290294	WASTE MGT
FOGLE,J.L.	9002140085	71-529	GALLO,R.M.	9002140272	50-272 V	GODWIN,A.V.	9002080194	PR
FOGLE,J.L.	9002140091*	71-529	GALLO,R.M.	9002140276	50-289 V	GODY,A.T.	9001290108	TOPREP
FOGLE,J.L.	9002140139*	71-529	GALLO,R.M.	9002140279	50-320 V	GOLDBERG,J.H.	9001300450	50-335 Q
FOLECK,R.H.	9002150181	71-9019	GALLO,R.M.	9002140282	50-29 V	GOLDBERG,J.H.	9001310516	50-255 Q
FOLEY,W.J.	9002120237	NUREG	GALLO,R.M.	9002140284	50-387 V	GOLDBERG,J.H.	9002050086	50-335 P
FORSCHER,F.	9002050138*	COMMISSION	GALLO,R.M.	9002140287	50-322 V	GOLDBERG,J.H.	9002090074	50-250 P
FORTUNA,R.A.	9002020135*	50-220 T	GALLO,R.M.	9002140290	50-443 V	GOLDBERG,J.H.	9002090283	50-335 P
FOSTER,J.	9001300256*	50-454 Q	GALLO,R.M.	9002140294	50-219 V	GOLDBERG,J.H.	9002130028	50-250 Q
FOSTER,J.E.	9002130267*	50-440 Q	GALLO,R.M.	9002140298	50-277 V	GOLDBERG,J.H.	9002150293	50-389 P
FRANTZ,S.P.	9002080140*	50-250 G	GALLO,R.M.	9002150213	50-213 V	GOLDBERG,J.H.	9002150299	50-250 P
FRANTZ,S.P.	9002080140*	50-250 G	GALLO,R.M.	9002150230	50-213 V	GOLDBERG,J.R.	9001300487*	50-250 H
FRANTZ,S.P.	9002220091	50-250 G	GALLO,R.M.	9002150233	50-170 V	GOLLA,J.A.	9002220234*	50-247 Q
FRANTZ,S.P.	9002220091	50-250 G	GALLO,R.M.	9002150241	50-272 Q	GOOD,M.S.	9002120167	NUREG
FREDRICKSON,P.	9002130323*	50-280 Q	GALLO,R.M.	9002220341	50-213 Q	GOOD,M.S.	9002120296	NUREG
FREDRICKSON,P.	9002130343*	50-280 P	GALLO,R.M.	9002220636	50-289 V	GOODEN,A.	9001310298*	50-369 Q
FREDRICKSON,P.	9002230380	50-280 P	GALLO,R.M.	9002220717	50-97 V	GOODEN,A.	9002150331*	70-27
FREEMAN,J.	9002120138	71-159	GALLO,R.M.	9002230483	50-245 Q	GOODMAN,M.	9002120218*	WASTE MGT
FREEMAN,P.A.	9002220721	50-423 S	GARCIA,P.J.	9002010053*	40-8584	GORALSKI,G.	9002230538	50-255 R
FRESCO,A.	8911140137*	50-322 Q	GARCIA,P.J.	9002010122	40-8907	GORDON,L.L.	9001310486*	71-179
FRICK,T.M.	9002020264*	50-247 Q	GARCIA,P.J.	9002010232	40-4492	GOSS,D.	9002090226	50-267 Y
FRISCH,R.R.	9002120108	50-255 Q	GARCIA,P.J.	9002010316	40-8902	GRABER,H.C.	9002120323	71-79
FRIZZLE,C.D.	9002080229	50-309 P	GARCIA,P.J.	9002090093	40-8903	GRABER,H.C.	9002120326*	71-79
FRIZZLE,C.D.	9002130022	50-309 P	GARCIA,P.J.	9002090144	40-6622	GRABER,W.E.	9002070197	70-211
FRYE,J.H.	9002080089	40-2061	GARCIA,P.J.	9002220135*	40-8902	GRAHAM,B.	9001290030*	50-250 H
FRYE,J.H.	9002220029	40-2061	GARDE,B.P.	9002070027	FOIA	GRANT,W.B.	9002080095*	50-483 Q
FRYE,J.H.	9002220117	40-2061	GARDES,G.H.	9002050310	71-9001	GRAVES,R.	9002140278*	40-8027
FRYE,J.H.	9002220141	40-2061	GARDNER,J.B.	9002120329	NUREG	GRAVES,R.	9002160069	40-8027
FRYE,J.H.	9002280035	40-2061	GARNER,R.W.	9002120329	NUREG	GRAY,E.H.	9002070319*	50-317 Q
FULLER,C.H.	9002150309	50-267 V	GARRISON,D.L.	9002080014*	50-498 Q	GREBELT,L.	9002230145	50-275 S
FULLWOOD,R.	8911140137*	50-322 Q	GARRITY,J.H.	9002080237	50-309 P	GREEN,E.R.	9002120167	NUREG
FUNCHES,J.	9002150004	CONTRACT	GATES,W.G.	9002060055*	50-285 P	GREEN,E.R.	9002120296	NUREG
FURIA,J.	9002070369*	50-277 Q	GATES,W.G.	9002090275	50-285 P	GREENE,S.R.	9001300186*	TOPREP
FURIA,J.	9002070388*	50-334 Q	GATES,W.G.	9002120034	50-285 Q	GREENMAN,E.G.	9001290193	50-373 Q
FURIA,J.	9002230477*	50-245 Q	GATES,W.G.	9002120036	50-285 S	GREENMAN,E.G.	9001310140	50-341 Q
GAGLIARDO,J.E.	9002090010*	50-298 Q	GATES,W.G.	9002120185	50-285 P	GREENMAN,E.G.	9001310143*	50-341 Q
GAGLIARDO,J.E.	9002140037*	50-482 Q	GATES,W.G.	9002120186*	50-285 P	GREENMAN,E.G.	9001310147	50-461 Q
GAGNE,C.C.	9002020217	FOIA	GATES,W.G.	9002120286	50-285 F	GREENMAN,E.G.	9001310161	50-263 Q
GAGNON,J.P.	9002150136	PR	GATES,W.G.	9002130049	50-285 S	GREENMAN,E.G.	9002060017	50-266 Q
GALLO,R.M.	9001310026	50-443 V	GATES,W.G.	9002150326	50-285 P	GREENMAN,E.G.	9002080072	50-186 Q
GALLO,R.M.	9001310259	50-317 V	GATES,W.G.	9002150368*	50-285 P	GREENMAN,E.G.	9002090287	50-440 P
GALLO,R.M.	9001310485	50-247 Q	GATES,W.G.	9002220052	50-285 S	GREENMAN,E.G.	9002130376	50-341 Q

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
GREENMAN,E.G.	9002130379*	50-341 Q	GUILLIN,J.	9002150047*	FOIA	HARMON,D.F.	9002050254*	40-7102
GREENMAN,E.G.	9002130385	50-341 Q	GUINN,P.R.	7906190586*	40-7102	HARMON,D.F.	9002050273*	40-7102
GREENMAN,E.G.	9002160027	50-254 Q	GUINN,P.R.	7911300323*	40-7102	HARMON,D.F.	9002050307*	40-7102
GREENMAN,E.G.	9002220103	50-266 Q	GUINN,P.R.	8004290249*	40-7102	HARMON,D.F.	9002050313*	40-7102
GREENMAN,E.G.	9002220244	50-266 Q	GUINN,P.R.	8008250641*	40-7102	HARMON,D.F.	9002060421*	40-7397
GREER,L.B.	9002080026	50-443 G	GUPPY,J.G.	9002120129	NUREG	HARMON,D.F.	9002060422*	40-7397
GREER,L.B.	9002280068	50-443 S	HAGAN,J.J.	9002070207	50-354 S	HARMON,D.F.	9002070041*	40-7102
GREGER,L.	9002090251	50-315 Q	HAGAN,J.J.	9002060103	50-354 S	HARMON,D.F.	9002070088*	40-7397
GREGER,L.R.	9001290078	50-454 F	HAGAN,J.J.	9002130341	50-354 S	HARMON,D.F.	9002070104*	40-7102
GREGER,L.R.	9001300138	50-373 Q	HAGINS,E.E.	9002010015	50-250 G	HARMON,D.F.	9002070117*	40-7397
GREGER,L.R.	9001300152	50-456 F	HAGINS,E.E.	9002010030	50-250 G	HARMON,D.F.	9002070119*	40-7397
GREGER,L.R.	9001300188	50-295 F	HAGINS,E.E.	9002220112	50-443 G	HARMON,D.F.	9002070156*	40-7102
GREGER,L.R.	9001300194	50-373 F	HAGUE,R.L.	9002230551*	50-483 Q	HARMON,D.F.	9002070181*	40-7397
GREGER,L.R.	9001300205	50-254 F	HAIRSTON,W.G.	9001290064	50-424 F	HARNESSE,J.L.	9001310368	50-325 S
GREGER,L.R.	9001300208	50-10 F	HAIRSTON,W.G.	9001290069	50-424 F	HARNESSE,J.L.	9001310375	50-324 S
GREGER,L.R.	9001300220	50-454 F	HAIRSTON,W.G.	9001300439	50-321 S	HARNESSE,J.L.	9002050121	50-324 Q
GREGER,L.R.	9001300242	50-454 Q	HAIRSTON,W.G.	9001300448	50-321 P	HARNESSE,J.L.	9002080244	50-325 S
GREGER,L.R.	9001310237	50-295 Q	HAIRSTON,W.G.	9001300453	50-424 P	HARNESSE,J.L.	9002120084	50-324 F
GREGER,L.R.	9002010175	50-315 Q	HAIRSTON,W.G.	9001300464	50-424 Q	HARNESSE,J.L.	9002140240	50-324 R
GREGER,L.R.	9002080091	50-483 Q	HAIRSTON,W.G.	9001300471	50-348 P	HARNESSE,J.L.	9002230001	50-325 S
GREGER,L.R.	9002080164	50-266 F	HAIRSTON,W.G.	9001310010	50-364 S	HARPER,F.T.	9002120309	NUREG
GREGER,L.R.	9002080221	50-266 Q	HAIRSTON,W.G.	9001310322	50-424 V	HARRIS,J.R.	9001310002*	50-302 Q
GREGER,L.R.	9002090001	50-237 Q	HAIRSTON,W.G.	9001310338	50-424 P	HARRIS,K.N.	9002070202	50-250 Q
GREGER,L.R.	9002090302	50-454 Q	HAIRSTON,W.G.	9002010251	50-424 F	HARRIS,K.N.	9002130387	50-250 S
GREGER,L.R.	9002090312	50-331 F	HAIRSTON,W.G.	9002050272	50-321 P	HARRIS,K.N.	9002150059*	50-250 V
GREGER,L.R.	9002130266	50-440 Q	HAIRSTON,W.G.	9002060088	50-425 S	HARRIS,K.N.	9002230044	50-250 S
GREGER,L.R.	9002160054	50-263 Q	HAIRSTON,W.G.	9002060162	50-348 S	HARRIS,K.N.	9002230302	50-250 Q
GREGER,L.R.	9002220073	50-440 Q	HAIRSTON,W.G.	9002060171	50-424 S	HARRIS,R.H.	9001300015*	50-313 R
GREGER,L.R.	9002220082	50-440 Q	HAIRSTON,W.G.	9002080156	50-348 S	HARRIS,T.	9001310368	50-325 S
GREGER,L.R.	9002220210	50-255 Q	HAIRSTON,W.G.	9002080219	50-424 Q	HARWOOD,C.	9002120316	NUREG
GREGER,L.R.	9002220248	50-341 F	HAIRSTON,W.G.	9002090326	50-321 Q	HASSE,R.A.	9001310251*	50-341 Q
GREGER,L.R.	9002220300	50-373 F	HAIRSTON,W.G.	9002120271	50-348 S	HASSE,R.A.	9002020273	50-483 Q
GREGER,L.R.	9002230476	50-456 Q	HAIRSTON,W.G.	9002120293	50-364 S	HASSENPFUG,H.	9002220747*	50-346 P
GREGG,R.J.	9001310190	70-371 PR	HAIRSTON,W.G.	9002130061	PR	HAUGHNEY,C.J.	9001310148	50-237 S
GREGORY,A.	9002130128	PR	HAIRSTON,W.G.	9002150020	50-366 P	HAUGHNEY,C.J.	9002070096	50-237 S
GREGORY,R.K.	9001310417	71-9033 PR	HAIRSTON,W.G.	9002150154	50-348 H	HAUGHNEY,C.J.	9002230265	50-280 Y
GREVE,F.W.	9002130208	PR	HAIRSTON,W.G.	9002150166	50-321 H	HAUGHNEY,C.J.	9002230271*	50-280 Y
GRIFFIN,R.L.	9002010033	50-445 G	HAIRSTON,W.G.	9002160009	50-366 H	HAUGHNEY,C.J.	9002230282*	50-280 Y
GRIMES,B.K.	8806230052*	FOIA	HAIRSTON,W.G.	9002220238	50-321 R	HAUGHNEY,C.J.	9002230288*	50-280 Y
GRIMES,B.K.	8812290023*	FOIA	HAIRSTON,W.G.	9002220740	50-425 R	HAUGHNEY,C.J.	9002270219*	50-397 Q
GRIMES,B.K.	8904260436*	FOIA	HALE,A.A.	9002080212	PR	HAVERKAMP,D.R.	9001300298*	50-245 Q
GRIMES,B.K.	8904260441*	FOIA	HALE,A.A.	9002080212	PR	HAVERKAMP,D.R.	9001310008*	50-213 Q
GRIMES,B.K.	8904260443*	FOIA	HALE,M.W.	9002080315	PR	HAVERKAMP,D.R.	9002090097	50-213 P
GRIMES,B.K.	8904260446*	FOIA	HALL,B.R.	9002220392	50-400 R	HAWKINS,F.C.	9002080202	ORG
GRIMES,B.K.	8904270075*	FOIA	HALL,B.R.	9001310385	50-280 F	HAWTHORNE,J.R.	9002120277	NUREG
GRIMES,B.K.	9002070440	REVIEW GR P	HALL,J.C.	9002160084	50-603 A	HAYES,B.B.	9002020113*	50-220 T
GRIMES,B.K.	9002130252*	FOIA	HALL,J.R.	9001160404	50-331 P	HAYES,J.J.	9001290317	50-395 P
GRIMES,B.K.	9002140237*	FOIA	HALL,J.R.	9002010205	50-331 P	HAYES,J.J.	9002020187	50-395 P
GRIMES,B.K.	9002140243*	FOIA	HALL,J.R.	9002130206	50-331 P	HAYES,J.J.	9002050265	50-395 P
GRIMES,B.K.	9002140246*	FOIA	HALL,J.R.	9002160167*	50-483 P	HAYES,J.J.	9002130306	50-395 P
GRIMES,B.K.	9002140251*	FOIA	HALL,P.C.	9002120283	NUREG	HAYES,J.J.	9002220230	50-395 P
GRIMES,B.K.	9002140271*	FOIA	HALL,R.E.	9002010047	40-8584	HAYES,J.J.	9002220407	50-395 P
GRIMES,B.K.	9002140283*	FOIA	HALL,R.E.	9002010052*	40-8584	HAYES,J.J.	9002220483	50-395 F
GRIMES,B.K.	9002140297*	FOIA	HALL,R.E.	9002010122	40-8607	HAYES,L.R.	9002120363	WASTE MGT
GRIMES,B.K.	9002140301*	FOIA	HALL,R.E.	9002010132	WASTE MGT	HEALY,C.R.	9002130364	QA999
GRIMES,B.K.	9002140303*	FOIA	HALL,R.E.	9002010232	40-4492	HEALY,C.R.	9002140034	50-382 Q
GRIMES,B.K.	9002140305*	FOIA	HALL,R.E.	9002010316	40-8902	HEASLER,P.G.	9002120167	NUREG
GRIMES,B.K.	9002140306*	FOIA	HALL,R.E.	9002010335	40-8902	HEASLER,P.G.	9002120286	NUREG
GRIMES,B.K.	9002150030*	FOIA	HALL,R.E.	9002010354*	40-8902	HEBDON,F.J.	9001310060	50-368 P
GRIMES,C.I.	9002080160	50-445 Q	HALL,R.E.	9002090100	40-8926	HEBDON,F.J.	9002020267	50-482 P
GRIMES,C.I.	9002080281	50-445 E	HALL,R.E.	9002090106	40-8698	HEBDON,F.J.	9002080292*	50-285 P
GRIMES,C.I.	9002120321	50-445 Q	HALL,R.E.	9002090112	40-3453	HEBDON,F.J.	9002220557	50-382 P
GRIMES,C.I.	9002220310	50-445 Q	HALL,R.E.	9002090114	40-4492	HECKER,G.E.	9002080068*	50-443 P
GRIMES,C.I.	9002220312*	50-445 Q	HALL,R.E.	9002090140	40-8622	HEGARTY,W.	9002090079*	XPORTLIC
GRIMSLEY,D.H.	9002020137	50-344 Q	HALL,R.E.	9002090142*	40-8622	HEGRAT,H.L.	9002090006*	50-440 S
GRIMSLEY,D.H.	9002020218	FOIA	HALL,R.E.	9002090146	40-8502	HEGRAT,H.L.	9002090007*	50-440 S
GRIMSLEY,D.H.	9002020241	FOIA	HALL,R.E.	9002120082	40-8903	HEGRAT,H.L.	9002230279	50-440 R
GRIMSLEY,D.H.	9002020260	FOIA	HALL,R.E.	9002220129	40-8902	HEHL,C.	9002050050	50-302 P
GRIMSLEY,D.H.	9002050102	40-7102	HALL,R.E.	9002220135*	40-8902	HEHL,C.W.	9002130340	50-413 P
GRIMSLEY,D.H.	9002080024	FOIA	HALL,R.E.	9002220199	40-8904	HEINZ,J.	9002050132*	COMMISSION
GRIMSLEY,D.H.	9002070029	FOIA	HALL,R.E.	9002220201*	40-8904	HEINZ,J.	9002050143*	COMMISSION
GRIMSLEY,D.H.	9002070036	FOIA	HALL,S.L.	9002230464	50-309 R	HEINZ,W.D.R.	9002080235	50-277 P
GRIMSLEY,D.H.	9002080094	FOIA	HALLSTROM,G.	9002130217*	50-250 Q	HEINZ,W.D.R.	9002080367	50-277 P
GRIMSLEY,D.H.	9002120030	FOIA	HALLVORSON,C.M.	9002060001	50-397 I	HENNER,D.	9002010081	40-8857 PR
GRIMSLEY,D.H.	9002130101	FOIA	HANDLER,R.	9002070278*	40-7102	HENDRICKSON,M.	9002150146	PR
GRIMSLEY,D.H.	9002130194	50-304 Q	HANELL,J.R.	9002090300*	50-324 Y	HENNICKA.	9002120237	NUREG
GRIMSLEY,D.H.	9002130203	FOIA	HANEY,C.	9001310486*	71-179	HENSLEY,K.D.	9002130319	70-143
GRIMSLEY,D.H.	9002140221	50-423 Q	HANEY,C.T.	9002160106*	71-18	HENSLEY,K.D.	9002140159	70-143
GRIMSLEY,D.H.	9002150328	50-2061	HANNON,J.N.	9002010044*	50-346 P	HENSLEY,K.D.	9002140170	70-143
GRIMSLEY,D.H.	9002220630	FOIA	HANNON,J.N.	9002010386*	50-346 P	HERDT,A.R.	9001310271	50-321 Q
GRIMSLEY,D.H.	9002220694	FOIA	HANNON,J.N.	9002130248	50-305 P	HERDT,A.R.	9002070097	50-413 Q
GRIMSLEY,D.H.	9002230110	FOIA	HANNON,J.N.	9002160006*	50-346 P	HERDT,A.R.	9002140156	50-424 Q
GRIMSLEY,D.H.	9002230214	FOIA	HANNON,J.N.	9002220358*	50-483 P	HERDT,A.R.	9002150019	50-424 Q
GRIMSLEY,D.H.	9002270184	50-397 Q	HANSON,J.P.	9002120333*	50-395 P	HERDT,A.R.	9002150022*	50-424 Q
GRISCO,M.	9002150298	PR	HARBOUR,J.	9002080022	50-271 G	HERNAN,R.W.	9002130059	50-289 P
GROSS,K.W.	9002160170	50-317 S	HARDGROVE,T.W.	9002010239	40-2259	HERPEL,A.	9002080089	FOIA
GUBERSKI,J.D.	9002220699	50-344 S	HARMON,D.A.	9002060416*	40-7102	HESS,R.J.	9002020054*	50-344 S
GUILD,C.C.	9002130293	FOIA	HARMON,D.F.	9002050250*	40-7102	HEWARD,R.W.	9002080223	50-146 Q

## 228 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY			
HEWARD,R.W.	9002120130	50-146	J	HUBER,M.P.	9001310251*	50-341	Q	JOHANSEN,J.	9002220104	50-54	Q
HICKMAN,D.E.	9001290227	ORG		HUBER,M.P.	9002230434*	50-346	Q	JOHNSON,A.	9002090321	50-244	P
HICKMAN,J.B.	9002160116	50-461	P	HUDEW,W.S.	9002020148*	XPORTLIC		JOHNSON,A.B.	9002120344	NUREG	
HICKMAN,J.B.	9002160161	50-461	P	HUDEW,W.S.	9002020154	XPORTLIC		JOHNSON,B.	9002080092	70-25	
HICKMAN,J.B.	9002160197	50-461	P	HUDEW,W.S.	9002020158	XPORTLIC		JOHNSON,B.D.	9002090281	50-255	R
HICKMAN,J.B.	9002160204*	50-461	P	HUDSPETH,J.B.	9001290060	50-348	F	JOHNSON,B.D.	9002220132	50-255	Q
HIGGINS,J.	8911140137*	50-322	P	HUDSPETH,J.B.	9002010190	50-348	F	JOHNSON,B.D.	9002230093	50-255	S
HIGGINS,W.R.	9001310457	50-395	S	HUDSPETH,J.B.	9002230139	50-348	F	JOHNSON,B.M.	9002280065	70-25	
HIGGINS,W.R.	9002010227	50-395	S	HUETER,L.J.	9002050112*	40-7397		JOHNSON,E.R.	9002090154*	CONTRACT	
HIGHLAND,R.	9002130093	PR		HUEY,F.R.	9001300236*	50-397	Q	JOHNSON,J.	9002130123	PR	
HILLENBRAND,P.	9002010222	40-8857		HUGHES,A.	9001290120	CONTRACT		JOHNSON,J.R.	9002010322	50-309	Q
HILL-WHILTON,R.	9002010069	50-443	G	HUGHES,A.	9002050093	CONTRACT		JOHNSON,J.R.	9002050016	50-244	Q
HILL-WHILTON,R.	9002010069	50-443	G	HUGHES,A.	9002070187	CONTRACT		JOHNSON,J.R.	9002070212	50-29	Q
HILL-WHILTON,R.	9002120342	50-443	G	HUGHES,A.	9002080266	CONTRACT		JOHNSON,P.H.	9001300228*	50-397	Q
HILL-WHILTON,R.	9002120342	50-443	G	HUGHES,A.	9002220307	CONTRACT		JOHNSON,P.H.	9002020002*	50-397	Q
HILLSTRAND,J.J.	9002130190	PR		HUGHEY,C.A.	9001310099*	50-280	Q	JOHNSON,R.L.	9002020186	50-261	F
HILLSTRAND,J.J.	9002130190	PR		HUKILL,H.D.	9002070033	50-289	Q	JOHNSON,S.C.	9002130346	70-143	
HIND,J.A.	9002160026*	40-2061		HUKILL,H.D.	9002070287	50-289	P	JOHNSON,T.F.	9002140277	50-327	F
HINDS,J.M.	9001300089*	50-237	Q	HUKILL,H.D.	9002080038	50-289	P	JOHNSON,W.	9002220033	50-445	S
HINDS,J.M.	9002220289*	50-373	Q	HUKILL,H.D.	9002080046	50-289	P	JOHNSON,W.J.	9001300119	50-315	S
HINNANT,C.S.	9002230235	50-400	F	HUKILL,H.D.	9002130389	50-289	S	JOHNSON,W.J.	9002090075	TOPREP	
HIPP,G.	9002140017	50-327	S	HUKILL,H.D.	9002220467	50-289	R	JOHNSON,W.J.	9002150268	50-206	S
HIRSCH,D.	9002080092	70-25		HULL,A.	9002080006*	50-353	Q	JOHNSTON,H.	9002230075*	50-250	H
HIRSCH,D.	9002080111	70-25		HUMPHREY,P.G.	9002050079*	50-390	Q	JOHNSTON,J.B.	9002050233	COMMISSION	
HISER,A.L.	9002120277	NUREG		HUNGER,G.A.	9001290038	50-277	F	JOHNSTON,J.R.	9002150072	50-155	R
HOBE,M.A.	9002140055	50-155	F	HUNGER,G.A.	9001300083	50-352	S	JOLICOEUR,J.R.	9001290184	50-219	F
HOBE,M.A.	9002150205	50-155	F	HUNGER,G.A.	9001310515	50-171	J	JOLICOEUR,J.R.	9002010223	50-305	F
HODGDON,A.P.	9002010140	40-2061		HUNGER,G.A.	9002010108	50-277	F	JOLICOEUR,J.R.	9002060264	50-206	F
HODGDON,A.P.	9002080047	40-2061		HUNGER,G.A.	9002010303	71-525		JOLICOEUR,J.R.	9002060295	50-397	F
HODGE,S.A.	9001300186*	TOPREP		HUNGER,G.A.	9002080008	50-277	P	JOLICOEUR,J.R.	9002070442	50-220	F
HODGES,M.W.	9002050383	50-352	Q	HUNGER,G.A.	9002080228	50-352	P	JOLICOEUR,J.R.	9002060331	50-317	F
HODGES,M.W.	9002070208	50-220	Q	HUNGER,G.A.	9002080303	PR		JONES,G.J.	9002130157	PR	
HODGES,M.W.	9002220215	50-354	Q	HUNGER,G.A.	9002120279	50-277	F	JONES,R.C.	9002020321	TOPREP	
HODGES,M.W.	9002220268	50-247	Q	HUNGER,G.A.	9002130133	50-171	H	JONES,T.M.	9001310375	50-324	S
HODGES,M.W.	9002230181	50-443	Q	HUNGER,G.A.	9002150277	50-353	P	JONES,T.M.	9002080244	50-325	S
HODGES,M.W.	9002230445	50-334	Q	HUNGER,G.A.	9002150359	PR		JONES,V.E.	9002150177	PR	
HOHNE,F.C.	9002010212	40-8502		HUNGER,G.A.	9002220100	50-277	F	JONES,W.C.	9002090267	50-285	H
HOLAHAN,G.	8901110379*	FOIA		HUNGER,G.A.	9002230275	PR		JONES,W.C.	9002220140	50-285	H
HOLAHAN,G.M.	9002160080*	50-602	A	HUNGER,G.A.	9002230444	50-277	P	JONSSON,N.O.	9002010224	TOPREP	
HOLBROOK,W.J.	8501090520*	FOIA		HUNSADER,S.C.	9001310188	50-456	P	JONSSON,N.O.	9002060263	TOPREP	
HOLBROOK,W.J.	8502270239*	FOIA		HUNSADER,S.C.	9002060049	50-454	K	JORDAN,E.L.	9001310049	REVIEW GR	P
HOLDER,L.S.	9002070095	TOPREP		HUNSADER,S.C.	9002150313	50-456	K	JORDAN,E.L.	9002080248	REVIEW GR	P
HOLIFIELD,C.D.	9002070001	50-335	S	HUNSADER,S.C.	9002220159	50-454	K	JORDAN,E.L.	9002120274	REVIEW GR	P
HOLLAND,W.E.	9002130323*	50-280	Q	HUNSTAD,A.A.	9002230219	50-282	S	JORDAN,J.J.	9002010057*	50-499	P
HOLLAND,W.E.	9002130343*	50-280	Q	HUNSTAD,A.A.	9001310075	50-306	S	JORDAN,J.J.	9002010424*	50-498	P
HOLLER,E.	9002140012	50-482	S	HUNT,M.D.	9002160149*	50-261	Q	JORDAN,M.	9002160040*	50-461	V
HOLLER,E.	9002220298	50-499	S	HUNTINGTON,G.H.	9002010118*	50-443	G	JORDAN,M.J.	9002080381*	50-461	V
HOLLER,E.J.	9001290006*	50-482	Q	HURT,R.D.	9001300391	PROJ		JOUSTRA,J.A.	9001310017	I&E	
HOLLER,E.J.	9002050014*	50-498	Q	HURT,R.D.	9002070234	PROJ		JOUSTRA,J.A.	8411140267*	FOIA	
HOLLOWAY,C.J.	9002070256*	40-7102		HURT,R.D.	9002220651	PROJ		JOYCE,T.P.	9001310313	50-295	S
HOLMERS,R.E.	9002050190*	40-8948		HUTCHINS,T.	9002220371	50-3	S	JOYCE,T.P.	9002120251	50-295	S
HOLMES,L.G.	9002060159*	50-322	H	HUTCHISON,L.B.	9002220372	50-397	R	JOYCE,T.P.	9002130398	50-295	S
HOLMES,R.	9002220003	PR		HYLAND,J.B.	9002020143*	50-220	T	JOYCE,T.P.	9002150001	50-295	R
HOLTZMAN,R.B.	9002230479*	50-456	Q	HYLAND,J.B.	9002020145*	50-220	T	JOYCE,T.P.	9002230038	50-295	S
HOLTZSCHER,D.L.	9001300082	50-461	R	HYMAN,C.R.	9001300186*	TOPREP		JOYCE,T.P.	9002230335	50-304	S
HOLTZSCHER,D.L.	9001300215	50-461	Q	IKEDA,M.	9001310068	XPORTLIC		JOYNER,J.H.	9002230171*	FOIA	
HOLTZSCHER,D.L.	9001300295	50-461	P	IKEDA,M.	9002020114	XPORTLIC		JULIAN,C.A.	9001300065	50-83	Q
HOLTZSCHER,D.L.	9002070295	50-461	Q	IMBRO,E.V.	9002060065*	50-395	Q	JULIAN,C.A.	9001310001	50-302	Q
HOLTZSCHER,D.L.	9002080370	50-461	Q	INGRAM,R.K.	9002090329	50-269	P	JULIAN,C.A.	9001310109	50-424	Q
HOLTZSCHER,D.L.	9002090076	50-461	P	INOUE,S.	9002150021*	XPORTLIC		JULIAN,C.A.	9001310119	50-348	Q
HOLTZSCHER,D.L.	9002120156	50-461	S	ISRAEL,S.	9002220116*	50-213	S	JULIAN,C.A.	9001310125	50-160	Q
HOLTZSCHER,D.L.	9002120208	50-461	P	JABBOUR,K.N.	9002060106	50-413	P	JULIAN,C.A.	9001310260	50-335	Q
HOOD,D.	9002010217	50-369	P	JABBOUR,K.N.	9002160224	50-413	P	JULIAN,C.A.	9001310263*	50-335	Q
HOOD,D.	9002060096	50-369	P	JABLONSKI,F.J.	9001310251*	50-341	Q	JULIAN,C.A.	9001310283	50-324	Q
HOPKINS,P.C.	9002070100*	50-413	Q	JACKIW,I.N.	9002010192*	50-346	Q	JULIAN,C.A.	9002010326	50-324	Q
HORN,G.R.	9002220246	50-298	R	JACKLIN,N.	9002060020*	50-266	Q	JULIAN,C.A.	9002020226	50-269	Q
HORN,M.	9002090162*	40-8027		JACKLIN,N.	9002230049	50-373	S	JULIAN,C.A.	9002020228*	50-269	Q
HORTON,D.G.	9002010415	WASTE MGT		JACKLIN,N.W.	9002230055	50-373	S	JULIAN,C.A.	9002070068	50-324	Q
HORTON,D.G.	9002010419	WASTE MGT		JACKSON,C.E.	8905190180*	CONTRACT		JULIAN,C.A.	9002070136	50-416	Q
HORTON,D.G.	9002070345	WASTE MGT		JACKSON,C.Q.	9002230440	50-445	J	JULIAN,C.A.	9002080239	50-83	Q
HORTON,D.G.	9002090361	WASTE MGT		JACKSON,G.	9002020315*	FOIA		JULIAN,C.A.	9002120053	50-335	Q
HORTON,D.G.	9002120165	WASTE MGT		JACKSON,G.	9002070232*	40-7102		JULIAN,C.A.	9002120057*	50-335	Q
HORTON,D.G.	9002120169	WASTE MGT		JACOBS,K.	9001300195*	50-286	P	JULIAN,C.A.	9002130178	50-302	Q
HORTON,D.G.	9002220160	WASTE MGT		JACOBSON,R.N.	9002050158*	40-8948		JULIAN,C.A.	9002150304	50-424	Q
HORTON,D.G.	9002220172	WASTE MGT		JACOBY,D.L.	9002090106	40-8698		JULIAN,C.A.	9002160148	50-261	Q
HOSTETLER,C.J.	9002120263	NUREG		JAFFE,D.H.	9002130016	50-423	P	JULIAN,C.A.	9002160151	50-302	Q
HOUGHTON,J.R.	9002220271*	50-247	Q	JAFFE,D.H.	9002220121	50-423	P	JULIAN,C.A.	9002160152*	50-302	Q
HOUSLEY,D.A.	9002220042	50-260	S	JANG,J.C.	9001310444*	50-54	Q	JUNEAU,B.	9002080224	PR	
HOWE,A.G.	9002070276*	50-277	V	JANKOVICH,J.P.	9002160106*	71-18		JUSTUS,P.	9002080080*	WASTE MGT	
HOWE,A.J.	9002130045	50-400	S	JAPE,F.	9002230398*	50-324	Q	KAIN,K.	9002120332	71-692	
HOWE,L.M.	9002150369	PR		JEHLE,P.	9002080042	50-250	G	KAMMERER,C.	9001300259	STATE PRO	G
HOWELL,D.L.	9001300278	50-302	P	JEHLE,P.	9002080150*	50-250	G	KAMMERER,C.	9002140126	STATE PRO	G
HOWZE,S.S.	9002070346	50-344	S	JENISON,K.	9002150291*	50-327	Q	KAMMERER,C.	9002140130*	STATE PRO	G
HOWZE,S.S.	9002220715	50-344	S	JENSEN,E.N.	9002130219*	FOIA		KANE,G.E.	9001300354	50-338	S
HOWZE,S.S.	9002230037	50-344	S	JOFFE,T.	9002080250	PR		KANE,G.E.	9002220365	50-338	S
HOYLE,J.C.	9002150157	50-443	G	JOFFE,T.	9002080250	PR		KANE,G.E.	9002230022	50-338	S
HSIL,Y.H.	9002220271*	50-247	Q	JOHANSEN,J.	9002160099	I&E		KANE,W.F.	9001310018	50-293	Q
HSU,C.J.	9002120269	NUREG		JOHANSEN,J.	9002070314	I&E		KANE,W.F.	9002080373	50-317	Q



AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
KANE,W.F.	9002140232*	50-213	KINTNER,L.L.	9001290241	50-416	LABARGE,D.E.	9002160049	50-333
KANE,W.F.	9002230100	50-220	KINTNER,L.L.	9002130310	50-416	LABARGE,D.E.	9002220578	50-333
KANSLER,M.R.	9001300204	50-280	KINTNER,L.L.	9002130335	50-416	LABRUNA,S.	9001300230	50-272
KANSLER,M.R.	9002010028	50-281	KINTNER,L.L.	9002140123	50-416	LABRUNA,S.	9001310521	50-272
KANSLER,M.R.	9002230051	50-281	KINTNER,L.L.	9002220161	50-416	LABRUNA,S.	9001310527	50-272
KAPLAN,A.	9001290034	50-440	KINTNER,L.L.	9002220470	50-416	LABRUNA,S.	9002010253	50-272
KAPLAN,A.	9002010339	50-440	KIRKMAN,R.W.	9002050345*	40-7102	LABRUNA,S.	9002010353	50-354
KAPLAN,A.	9002050009	50-440	KIRKMAN,R.W.	9002050381*	40-7102	LABRUNA,S.	9002090028	50-354
KAPLAN,A.	9002050067	50-440	KIRKMAN,R.W.	9002050415*	40-7102	LABRUNA,S.	9002090115	50-272
KAPLAN,A.	9002090005	50-440	KIRKWOOD,B.J.	9002120329	NUREG	LABRUNA,S.	9002130052	50-272
KAPLAN,A.	9002120087	50-440	KIRKWOOD,R.	9002120148	NUREG	LABRUNA,S.	9002130058	50-272
KAPLAN,A.	9002120173	71-9079	KIRSCH,D.F.	9001290197	50-206	LABRUNA,S.	9002140284	50-272
KAPLAN,A.	9002130301	50-440	KIRSCH,D.F.	9002020172*	50-344	LABRUNA,S.	9002220021	50-272
KAPLAN,A.	9002140067	50-440	KIRSCH,D.F.	9002230454	50-361	LACKER,D.K.	9002080275	PR
KAPLAN,A.	9002220646	50-440	KIRSCH,D.F.	9002230522	50-288	LACKER,D.K.	9002230326	PR
KAPLAN,A.	9002230279	50-440	KLINE,J.R.	9002220029	40-2061	LAGGART,M.W.	9002020073	50-219
KAPLAN,H.J.	9002070211*	50-220	KLINE,J.R.	9002220117	40-2061	LAINAS,G.C.	9002070038	QA999
KARAM,R.A.	9001290057	50-160	KLINE,J.R.	9002220141	40-2061	LAINAS,G.C.	9002090047	QA999
KARAM,R.A.	9002140021	50-160	KLINE,J.R.	9002280035	40-2061	LAKNER,A.	8906210101*	50-458
KASSNER,G.	9002150119	50-295	KLINGENFUS,J.A.	9002120143	NUREG	LALOR,M.	9002120180*	50-259
KASUN,D.J.	9002140235	70-143	KNAPP,M.R.	9001310435	50-54	LAMBERSKI,J.	9001290224	50-321
KASUN,D.J.	9002050114	70-1113	KNAPP,M.R.	9002090024	50-309	LAMBERT,H.E.	9002120348	NUREG
KASUN,D.J.	9002140158	70-27	KNAPP,M.R.	9002230474	50-245	LANCASTER,W.K.	9002160178*	50-317
KASUN,D.J.	9002140244	70-371	KNICELEY,J.R.	9002090256*	50-315	LANCET,R.T.	9002010146	70-25
KEENE,W.E.	9001310080	50-77	KNICELEY,J.R.	9002220216*	50-255	LANE,J.E.	9002220232	50-302
KEENE,W.E.	9002150272	50-77	KNIGHT,M.R.	9002130389	50-289	LANNING,W.D.	9002060065*	50-395
KEIMIG,R.R.	9001300130*	50-166	KNIGHT,S.P.	8912080108	40-8027	LARA,J.	9002160185*	50-334
KEIMIG,R.R.	9002090029*	50-309	KNIGHT,S.P.	8912080112*	40-8027	LARA,J.F.	9002220271*	50-247
KEIMIG,R.R.	9002160178*	50-317	KNIGHT,S.P.	8912080116*	40-8027	LAROCHE,G.	9001290065	40-7580
KEISER,H.W.	9001300042	50-387	KNIGHT,S.P.	8912080117*	40-8027	LAROCHE,G.	9001300400	40-8820
KEISER,H.W.	9002010168	50-387	KNIGHT,S.P.	9002220313	40-8027	LAROCHE,G.	9001310409	40-7604
KEISER,H.W.	9002010172*	50-387	KNOP,R.C.	9001310150*	50-461	LARSON,C.E.	9002060178	50-282
KEISER,H.W.	9002020202	50-387	KNOP,R.C.	9002010187	50-346	LARSON,C.E.	9002220325	50-263
KEISER,H.W.	9002070123	50-387	KNOP,R.C.	9002010189*	50-346	LARSON,C.E.	9002220676	50-282
KEISER,H.W.	9002090061	71-9224	KNOP,R.C.	9002220105*	50-266	LATTA,R.L.	9002080241	50-445
KEISER,H.W.	9002120006	50-387	KNOP,R.C.	9002220250*	50-266	LATTA,R.L.	9002220037	50-445
KEISER,H.W.	9002120079	50-387	KNOP,R.C.	9002230549	50-483	LATTA,R.M.	9002120324*	50-445
KEISER,H.W.	9002120320	50-387	KNOX,E.	8905190168	CONTRACT	LATZ,J.E.	9002070455*	WASTE MGT
KEISER,H.W.	9002120325	50-387	KNOX,E.	9001290146	CONTRACT	LATZ,J.E.	9002070464*	WASTE MGT
KEISER,H.W.	9002150132	50-388	KNOX,E.	9002060063	CONTRACT	LAU,P.	9002230074	50-456
KEISER,H.W.	9002150249	50-387	KNOX,E.	9002060074	CONTRACT	LAU,P.	9002230320	50-456
KEISER,H.W.	9002160022	50-387	KNOX,E.	9002060110	CONTRACT	LAWRENCE,D.A.	9002150264	50-263
KEISER,H.W.	9002160137	50-387	KNOX,E.	9002080227	CONTRACT	LAYFIELD,R.L.	8710060147*	40-7397
KEISER,H.W.	9002220034	50-388	KNOX,E.	9002160155	CONTRACT	LAZO,R.M.	9002080018	50-271
KEISER,H.W.	9002230416	PR	KNOX,E.	9002220180	CONTRACT	LAZO,R.M.	9002080022	50-271
KELLEY,D.L.	9002050296*	50-285	KNOX,E.	9002220193	CONTRACT	LE,N.B.	9002130119	50-324
KELLOGG,P.	9001300442*	50-259	KNOX,E.	9002220208	CONTRACT	LE,N.B.	9002130328	50-324
KELLOGG,P.	9002230376*	50-413	KOCHER,C.W.	9002050196	50-264	LE,T.	9001290163	50-324
KELLOGG,P.J.	9001300468*	50-280	KOHL,C.N.	9002010045	50-250	LEBARON,L.E.	9001310303	50-213
KELSEY,A.A.	9002080040*	50-443	KOKAJKO,L.E.	9001300394	50-361	LECHNIR,R.	9002010008	PR
KEMNER,M.L.	9002120263	NUREG	KOKAJKO,L.E.	9002050026	50-361	LECHNIR,R.	9002010008	PR
KENNEDY,J.E.	9002230513*	WASTE MGT	KOKAJKO,L.E.	9002160023	50-206	LEE,D.M.	9002090189	50-266
KENNEY,J.	9001300054*	WASTE MGT	KONWINSKI,G.R.	9002090099	40-8783	LEEDS,E.J.	9002080131	50-309
KENNY,T.J.	9001310022*	50-354	KONWINSKI,G.R.	9002220135*	40-8902	LEFEVRE,H.E.	9001300111	WASTE MGT
KENNY,T.J.	9002060300*	50-272	KONWINSKI,G.R.	9002220201*	40-8904	LEHMAN,L.L.	9002220052	50-285
KENT,A.P.	9001300319	50-498	KOSHY,T.	9002220271*	50-247	LEHMAN,M.T.	9002010318*	CONTRACT
KENT,A.P.	9002230287	50-498	KOSTMAYER,P.H.	9001240032*	50-443	LEITCH,G.M.	9001310239	50-352
KEPPLER,J.G.	9002150387*	40-2061	KOTTAN,J.	9002080006*	50-353	LEITCH,G.M.	9002060098	50-352
KERCH,H.W.	9001300015*	50-313	KOVACH,T.J.	9001290062	50-295	LEITCH,G.M.	9002140145	50-352
KERCH,H.W.	9002060361*	50-334	KOVACH,T.J.	9001310173	50-237	LEMNARTZ,J.	9002010171*	50-295
KERSH,K.	9002020166	50-606	KOVACH,T.J.	9002020094	50-254	LEMONS,J.R.	9002020122	50-317
KEUTER,D.R.	9001300105	50-312	KOVACH,T.J.	9002060208	50-456	LEMONS,J.R.	9002020196	50-317
KEUTER,D.R.	9001310207	50-312	KOVACH,T.J.	9002070019	50-295	LENAHAN,J.J.	9002060083*	50-280
KEUTER,D.R.	9002080334*	50-312	KOVACH,T.J.	9002130253	50-237	LENEANE,R.	9002230196	50-312
KEUTER,D.R.	9002120015	50-312	KOVACH,T.J.	9002130354	50-456	LENEAVE,R.	9001290110	50-312
KEUTER,D.R.	9002140223	50-312	KOVACH,T.J.	9002220347	50-456	LEONARD,J.F.	9001290259	71-9234
KEUTER,D.R.	9002220078	50-312	KOVACH,T.J.	9002230109	PR	LEONARD,J.F.	9002010431	71-6697
KEUTER,D.R.	9002230531	50-312	KOVACH,T.J.	9002230407	PR	LEONARD,J.F.	9002160078	71-6347
KING,C.	9002150183	PR	KOZUP,C.S.	9002230093	50-255	LEROY,P.G.	9002020317	PROJ
KING,J.C.	9002070034	FOIA	KRAUSE,C.W.	9002150005	50-266	LESSER,M.S.	9002070100*	50-413
KING,J.C.	9002260080	FOIA	KREH,J.L.	9002130044*	50-348	LETHWORTH,H.A.	9001290277	71-690
KINNEMAN,J.D.	8501090522*	FOIA	KRIEGER,K.	9001310024	50-247	LEVENTHAL,P.	9002080238	PR
KINNEMAN,J.D.	8501090524*	FOIA	KRIEGER,R.W.	9002080104	50-206	LEVIN,C.	9002050055*	PRM
KINNEMAN,J.D.	8507030282*	40-7102	KUDRICK,J.A.	8909140138*	50-295	LEVINE,D.	9002230143	50-483
KINNEMAN,J.D.	8707220481*	FOIA	KUEMIN,J.L.	9002080165	50-255	LEVINE,J.M.	9002020236	50-529
KINNEMAN,J.D.	8707220485*	FOIA	KULICK,J.M.	9001300047*	50-387	LEVINE,J.M.	9002020245	50-528
KINNEMAN,J.D.	9001310337	40-1852	KUNCL,L.G.	9002020247	50-298	LEVINE,J.M.	9002080133	50-529
KINNEMAN,J.D.	9001310353*	40-1852	KUNCL,L.G.	9002080197	50-298	LEVINE,J.M.	9002080142	50-530
KINNEMAN,J.D.	9002060197*	40-7102	KUNOWSKI,M.A.	9002220089*	50-440	LEVINE,J.M.	9002120158	50-528
KINNEMAN,J.D.	9002060204*	40-7102	KUTTAN,J.	9002230477*	50-245	LEVINE,J.M.	9002120160	50-530
KINNEMAN,J.D.	9002060238*	40-7102	KUZO,G.B.	9002230391*	70-27	LEVINE,J.M.	9002120163	50-530
KINNEMAN,J.D.	9002060252*	40-7102	KWIATKOWSKI,D.	9001310192	50-445	LEVINE,J.M.	9002120182	50-528
KINNEMAN,J.D.	9002060284*	40-7102	KWIATKOWSKI,D.	9002010160	50-483	LEVINE,J.M.	9002150017	50-530
KINNEMAN,J.D.	9002080107	40-2298	KWIATKOWSKI,D.	9002080271	50-331	LEVINE,J.M.	9002150083	50-528
KINTNER,E.E.	9001300200	PROJ	KYL,J.	9002050063*	PRM	LEVINE,J.M.	9002150126	50-528
KINTNER,E.E.	9001300200	PROJ	LABARGE,D.E.	9002050285	50-333	LEVINE,J.M.	9002150138	50-528
KINTNER,E.E.	9002150073	PROJ	LABARGE,D.E.	9002050441	50-333	LEVINE,J.M.	9002150150	50-528
KINTNER,L.L.	9001290153	50-416	LABARGE,D.E.	9002060130	50-333	LEVINE,J.M.	9002150185	50-528

## 230 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
LEVINE,J.M.	9002180199	50-530 S	LONGAKER,J.B.	8006170424*	40-7102	MACDONALD,C.E.	9002220309	71-6280
LEVINE,J.M.	9002220245	50-528 R	LONGAKER,J.B.	8006170624*	40-7102	MACDONALD,C.E.	9002220317	71-9137
LEVINE,J.M.	9002230255	50-528 S	LONGAKER,J.B.	9002060058*	40-7102	MACDONALD,C.E.	9002220716	71-6717
LEWIS,M.S.	9002220009	PR	LONGAKER,J.B.	9002060139*	FOIA	MACDONALD,C.E.	9002220139	71-9007
LICCIARDO,R.B.	9002230183*	50-295 P	LONGAKER,J.B.	9002060182*	40-7102	MACDONALD,J.A.	9002130355	50-443 F
LIEBERMAN,J.	9001300073	50-397 Q	LONGAKER,J.B.	9002070236*	40-7102	MACDONALD,P.E.	9002120329	NUREG
LIEBERMAN,J.	9001300224	50-285 Q	LONGAKER,J.B.	9002070251*	40-7102	MACDONALD,R.	9002060364*	71-277
LIEBERMAN,J.	9001310123	50-445 Q	LOPEZ,A.E.	9001310287*	50-286 Q	MACE,M.	9002010221*	CONTRACT
LIEBERMAN,J.	9001310127	50-324 Q	LORION,J.	9002010137	50-250 G	MACE,M.H.	9001290063*	CONTRACT
LIEBERMAN,J.	9002070049	50-295 Q	LORION,J.	9002010137	50-250 G	MACE,M.H.	9001290211*	CONTRACT
LIEBERMAN,J.	9002070310	50-397 Q	LOUGHEED,V.P.	9001310251*	50-341 Q	MACE,M.H.	9001310135*	CONTRACT
LIEBERMAN,J.	9002070314	I&E	LOUX,R.R.	9001300265	WASTE MGT	MACE,M.H.	9002010268*	CONTRACT
LIEBERMAN,J.	9002090045	50-382 Q	LOVELACE,W.H.	9002120335	NUREG	MACE,M.H.	9002010281*	CONTRACT
LIEBERMAN,J.	9002090052	50-424 Q	LOWERY,H.R.	9002060108	50-269 S	MACE,M.H.	9002050094*	CONTRACT
LIEBERMAN,J.	9002120314	50-331 Q	LOYSEN,P.	9001290010	PROJ	MACE,M.H.	9002070148*	CONTRACT
LIEBERMAN,J.	9002130110*	FOIA	LOYSEN,P.	9002070226	PROJ	MACE,M.H.	9002070193*	CONTRACT
LIEBERMAN,J.	9002130116*	FOIA	LU,S.C.	9002120234	50-344 P	MACE,M.H.	9002080205*	CONTRACT
LIEBERMAN,J.	9002140042	50-382 Q	LUEHMAN,J.	9001300073	50-397 Q	MACE,M.H.	9002150016*	CONTRACT
LIEBERMAN,J.	9002140259	50-445 Q	LUEHMAN,J.	9002070310	50-397 Q	MACE,M.H.	9002220315*	CONTRACT
LIEBERMAN,J.	9002150143	50-341 Q	LUEHMAN,J.	9002090045	50-382 Q	MADIGAN,M.P.	9002150119	50-295 F
LIEBERMAN,J.	9002150305	50-395 Q	LUEHMAN,J.	9002150143	50-341 Q	MADIGAN,M.P.	9001300417	50-353 S
LIEBERMAN,J.	9002160099	I&E	LYBRAND,S.M.	8707220493*	FOIA	MADSEN,G.J.	9002130391	50-353 S
LIEBERMAN,J.	9002220104	50-54 Q	LYONS,J.E.	9002220253	50-445 A	MADSEN,G.J.	9002220718	50-353 S
LIEBERMAN,J.	9002220633*	FOIA	LYONS,J.E.	9002130026	WASTE MGT	MADSEN,G.J.	9002230118	50-352 S
LIEBERMAN,J.	9002230010*	FOIA	LYTLE,J.E.	9001290080	71-690	MADSEN,S.W.	9002060320*	40-7102
LIEBERMAN,J.	9002230015*	FOIA	MACDONALD,C.E.	9001290085*	71-690	MADSEN,S.W.	9002060349*	40-7102
LIEBERMAN,J.	9002230018*	FOIA	MACDONALD,C.E.	9001290203	71-115	MALARO,J.C.	9002070184*	40-7102
LIEBERMAN,J.	9002230020*	FOIA	MACDONALD,C.E.	9001290205*	71-115	MALEK,F.	9002080261	PR
LIEBERMAN,J.	9002230023*	FOIA	MACDONALD,C.E.	9001290329	71-9208	MALINOSKI,J.W.	9001310429	71-9032
LIEBERMAN,J.	9002230027*	FOIA	MACDONALD,C.E.	9001290332	71-9032	MALINOSKI,J.W.	9001310463	71-9032
LIEBERMAN,J.	9002230032*	FOIA	MACDONALD,C.E.	9001300112	71-9006	MALLET,B.	9002130359	I&E
LIEBERMAN,J.	9002230043*	FOIA	MACDONALD,C.E.	9001310473	71-179	MALLET,B.S.	9002230089	I&E
LIEBERMAN,J.	9002230048*	FOIA	MACDONALD,C.E.	9001310486*	71-179	MALLOY,M.	9001290143	50-445 A
LIEBERMAN,J.	9002230060*	FOIA	MACDONALD,C.E.	9002060114	71-9036	MALODY,C.W.	9002010024	PR
LIEBERMAN,J.	9002230084	50-341 P	MACDONALD,C.E.	9002060127	71-9036	MALONEY,K.J.	9002120309	NUREG
LINCOLN,L.L.	9002010348*	PROJ	MACDONALD,C.E.	9002060132	71-9216	MALSC,H.M.	9002020141*	50-220
LINDNER,J.	9002050004	TOPREP	MACDONALD,C.E.	9002060157	71-260	MARCUS,C.S.	9002060075*	COMMISSION
LINDNER,J.	9002060267*	TOPREP	MACDONALD,C.E.	9002060160*	71-260	MARGULIES,M.B.	9002150064	50-603 G
LINDSEY,K.	9002220094	PR	MACDONALD,C.E.	9002060163	71-319	MARIO,G.	9002220003	PR
LINEHAN,J.J.	9002010404	WASTE MGT	MACDONALD,C.E.	9002060164*	71-319	MARIO,G.L.	9002150189	PR
LINEHAN,J.J.	9002020322	WASTE MGT	MACDONALD,C.E.	9002060167	71-526	MARSHALL,J.S.	9002010394	50-445 J
LINEHAN,J.J.	9002070153	WASTE MGT	MACDONALD,C.E.	9002060170*	71-526	MARSHALL,S.V.	9002120120	27-48
LINEHAN,J.J.	9002070473	WASTE MGT	MACDONALD,C.E.	9002060172	71-687	MARSHALL,W.	9001300296	50-302 F
LINEHAN,J.J.	9002090272	WASTE MGT	MACDONALD,C.E.	9002060175*	71-687	MARSHALL,W.	9001300353	50-302 F
LINEHAN,J.J.	9002160095	PROJ	MACDONALD,C.E.	9002060206	71-9217	MARSHALL,W.	9001300358	50-302 F
LINEHAN,J.J.	9002160105	WASTE MGT	MACDONALD,C.E.	9002060209*	71-9217	MARTIN,G.W.	9002050269	71-9032
LINEHAN,J.J.	9002220272	WASTE MGT	MACDONALD,C.E.	9002060211*	71-9217	MARTIN,J.B.	9001290229	50-344
LINEHAN,J.J.	9002230392	WASTE MGT	MACDONALD,C.E.	9002060220	71-9007	MARTIN,J.B.	9001300222	50-397
LINEHAN,J.J.	9002230508	WASTE MGT	MACDONALD,C.E.	9002060346	71-341	MARTIN,J.B.	9001300226*	50-397 Q
LINVILLE,J.C.	9001300317	50-220 Q	MACDONALD,C.E.	9002060350*	71-341	MARTIN,J.B.	9002050257	50-397 Q
LINVILLE,J.C.	9001300329	50-333 Q	MACDONALD,C.E.	9002060351*	71-5984	MARTIN,J.B.	9002050258*	50-397
LINVILLE,J.C.	9002220712	50-286 Q	MACDONALD,C.E.	9002060354	71-9168	MARTIN,J.B.	9002070436	50-275
LIPPINCOTT,E.P.	9002120303*	50-455 P	MACDONALD,C.E.	9002060358	71-277	MARTIN,J.B.	9002070444*	50-275
LIT,E.	9002080092	70-25	MACDONALD,C.E.	9002080368	71-689	MARTIN,J.B.	9002070450	50-397 Q
LIT,E.	9002280007	70-25	MACDONALD,C.E.	9002060379*	71-689	MARTIN,J.B.	9002070452*	50-397 Q
LITTLE,W.S.	9001300168*	50-259 Q	MACDONALD,C.E.	9002070007	71-5980	MARTIN,J.B.	9002080318	50-528 Q
LITTLE,W.S.	9002130226*	50-259 Q	MACDONALD,C.E.	9002070037	71-6003	MARTIN,J.B.	9002270202*	50-397
LITTLE,W.S.	9002140153*	50-259 Q	MACDONALD,C.E.	9002070039*	71-6003	MARTIN,R.D.	9002010144	40-8786
LIU,W.C.	9001300140*	50-255 Q	MACDONALD,C.E.	9002080071	70-1252	MARTIN,R.D.	9002020162	50-313 Q
LIVERMORE,H.H.	9002080161*	50-445 Q	MACDONALD,C.E.	9002120072	71-691	MARTIN,R.D.	9002020167*	50-313 Q
LIVERMORE,H.H.	9002120324*	50-445 Q	MACDONALD,C.E.	9002120075*	71-691	MARTIN,R.D.	9002140275	40-8027
LO,R.	9001300380	50-261 P	MACDONALD,C.E.	9002130012	71-8234	MARTIN,R.D.	9002150253	50-382 Q
LO,R.H.	9002130350	50-261 P	MACDONALD,C.E.	9002130106	71-5971	MARTIN,R.D.	9002150289	50-458 Q
LO,R.H.	9002220019	50-261 P	MACDONALD,C.E.	9002130211	71-9196	MARTIN,R.E.	9001290145	50-220 P
LOBEL,R.M.	9001310071	REVIEW GR P	MACDONALD,C.E.	9002130216*	71-9196	MARTIN,R.E.	9002070289	50-410 P
LOBEL,R.M.	9002050182	50-352 P	MACDONALD,C.E.	9002130228	71-6346	MARTIN,T.T.	8411140280*	FOIA
LOBEL,R.M.	9002130150	REVIEW GR P	MACDONALD,C.E.	9002130230*	71-6346	MARTIN,W.	9002080299	PRM
LOCKE,R.F.	9002220632	50-133 J	MACDONALD,C.E.	9002130309	70-3020	MARTIN,W.	9002080299	PRM
LOFLIN,L.I.	8906020393	50-324 P	MACDONALD,C.E.	9002130370	70-1252	MARUYAMA,T.	9002070233	XPORTLIC
LOFLIN,L.I.	9002020216	50-400 P	MACDONALD,C.E.	9002140171	ORG	MARUYAMA,T.	9002070235*	XPORTLIC
LOFLIN,L.I.	9002050420	50-324 P	MACDONALD,C.E.	9002150033	71-358	MARUYAMA,T.	9002070249	XPORTLIC
LOFLIN,L.I.	9002080146	50-261 P	MACDONALD,C.E.	9002150039	71-114	MARUYAMA,T.	9002070254*	XPORTLIC
LOFLIN,L.I.	9002090284	50-324 Y	MACDONALD,C.E.	9002150050	71-60	MASNIK,M.T.	9002090067	50-320 P
LOFLIN,L.I.	9002140247	50-400 P	MACDONALD,C.E.	9002150057	71-383	MASON,M.J.	9002280065	70-25
LOFLIN,L.I.	9002150379	PR	MACDONALD,C.E.	9002150063	71-24	MASSEY,J.V.	9002090089	PROJ
LOFLIN,L.I.	9002220649	50-324 Y	MACDONALD,C.E.	9002150066	71-362	MASSEY,J.V.	9002280147	PROJ
LOHAUS,P.H.	9002130353	WASTE MGT	MACDONALD,C.E.	9002150071	71-352	MATHEW,R.K.	9002050389*	50-352 Q
LOHAUS,P.H.	9002130365	WASTE MGT	MACDONALD,C.E.	9002150074	71-308	MATHEW,R.K.	9002060006*	50-387 Q
LOHAUS,P.H.	9002130377	WASTE MGT	MACDONALD,C.E.	9002150079	71-182	MATHIS,J.L.	9002130361*	50-416 Q
LOHAUS,P.H.	9002130384*	WASTE MGT	MACDONALD,C.E.	9002150082	71-78	MATTHEWS,D.B.	8807270182*	50-10 Q
LOHAUS,P.H.	9002280458	27-48	MACDONALD,C.E.	9002160081	71-231	MATTHEWS,D.B.	9002010006	50-321 P
LONGAKER,J.B.	7808140357*	40-7102	MACDONALD,C.E.	9002160103	71-18	MATTHEWS,D.B.	9002050243	50-321 P
LONG,A.R.	9002050079*	50-390 Q	MACDONALD,C.E.	9002160106*	71-18	MATTHEWS,D.B.	9002060092	50-269 P
LONG,S.M.	8911020005	50-322 Q	MACDONALD,C.E.	9002220122	71-9027	MATTHEWS,D.B.	9002060107*	50-413 P
LONG,W.O.	9001290172	50-263 P	MACDONALD,C.E.	9002220192	71-6144	MATTHEWS,D.B.	9002060177*	50-269 P
LONG,W.O.	9001290173	50-263 P	MACDONALD,C.E.	9002220264	71-52	MATTHEWS,D.B.	9002080363*	50-366 P
LONG,W.O.	9002080339	50-263 P	MACDONALD,C.E.	9002220266*	71-52	MATTHEWS,M.L.	9002060289	WASTE MGT

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
MATTHEWS,M.L.	9002120037	WASTE MGT	MCHARD,D.	9002130097	40-2061	MILLER,L.	9002150156	PR
MATTHEWS,M.L.	9002120047	WASTE MGT	MCINTYRE,A.C.	9001300131*	50-498	MILLER,L.K.	9001300330	50-272 S
MATTHEWS,M.L.	9002120202	WASTE MGT	MCINTYRE,A.C.	9001300148*	50-498	MILLER,L.K.	9001310025	50-311 S
MATTHEWS,M.L.	9002120216	WASTE MGT	MCKEE,P.	9001310484	50-269	MILLER,L.K.	9002050013	50-272 R
MATTHEWS,M.L.	9002120227	WASTE MGT	MCKENNA,E.M.	8911209282	50-334	MILLER,L.K.	9002090293	50-272 S
MATTHEWS,M.L.	9002220243	WASTE MGT	MCKENNA,E.M.	9002150115	50-390	MILLER,L.K.	9002090298	50-311 S
MAURER,B.F.	9002080361	50-275	MCLEAREN,T.	9002010315	CONTRACT	MILLER,L.K.	9002090308	50-311 S
MAXIN,A.M.	9001290262	70-143	MCLEAREN,T.	9002220030	CONTRACT	MILLER,L.K.	9002090313	50-272 S
MAXWELL,G.F.	9002130288*	50-348	MCLEER,T.J.	9002060420*	40-1571	MILLER,L.K.	9002090322	50-311 S
MAZUMDAR,S.	9002150203*	50-244	MCNAMARA,N.T.	9001310444*	50-54	MILLER,L.K.	9002120214	50-311 S
MAZUMDAR,S.	9002150206*	50-244	MCNEILL,W.M.	9002060337*	50-267	MILLER,L.K.	9002120215	50-311 S
MAZUR,D.W.	9002080001	50-397	MCPHETERS,L.H.	9002150103	50-443	MILLER,L.K.	9002120223	50-272 S
MCALLISTER,S.	9001310165	50-309	MCPHETERS,L.H.	9002280005	50-443	MILLER,L.K.	9002130099	50-311 S
MCALPINE,E.J.	9002020254	70-27	MCPHETERS,L.H.	9002280008	50-443	MILLER,L.K.	9002220012	50-311 S
MCATEE,K.R.	9002090080*	TOPREP	MEARSE,S.D.	9002120151	CONTRACT	MILLER,L.K.	9002220020	50-272 S
MCBREARTY,R.A.	9002080004*	50-219	MECREDY,R.C.	9001300193	50-244	MILLER,L.K.	9002220043	50-272 S
MCBREARTY,R.A.	9002080329	50-272	MECREDY,R.C.	9002050284	50-244	MILLER,L.K.	9002220668	50-272 R
MCBURNETT,M.A.	9001300125	50-498	MECREDY,R.C.	9002060325	50-244	MILLER,L.K.	9002220729	50-311 S
MCBURNETT,M.A.	9001300139	50-498	MECREDY,R.C.	9002120077	50-244	MILLER,L.K.	9002230113	50-311 S
MCBURNETT,M.A.	9001300319	50-498	MECREDY,R.C.	9002120255	50-244	MILLER,L.K.	9002230162	50-311 S
MCBURNETT,M.A.	9002010056	50-499	MECREDY,R.C.	9002140238	50-244	MILLER,L.K.	9002230195	50-311 S
MCBURNETT,M.A.	9002010420	50-498	MECREDY,R.C.	9002220031	50-244	MILLER,W.H.	9002130288*	50-348 Q
MCBURNETT,M.A.	9002020181	50-498	MEDFORD,M.O.	9001290055	50-438	MILLER,W.O.	9002070205*	40-7397
MCBURNETT,M.A.	9002060042	50-498	MEDFORD,M.O.	9002140226	50-390	MILLER,L.K.	9002050015*	50-272 R
MCBURNETT,M.A.	9002080171	PR	MEEHAN,B.	9001290207	CONTRACT	MILLS,L.E.	9002220065	PR
MCBURNETT,M.A.	9002120152	50-498	MEEHAN,B.	9002010272	CONTRACT	MILTENBERGER,S.	9002050029	50-354 P
MCBURNETT,M.A.	9002150247	50-498	MEEHAN,B.	9002070152	CONTRACT	MILTENBERGER,S.	9002060018	50-354 F
MCBURNETT,M.A.	9002230287	50-498	MEEHAN,B.	9002070161	CONTRACT	MINECK,D.L.	9002060134	50-331 Q
MCCABE,E.	9002060312	50-443	MEEHAN,B.	9002120151	CONTRACT	MINECK,D.L.	9002080190	50-331 P
MCCABE,E.C.	9002010325*	50-309	MEEHAN,B.	9002150014	CONTRACT	MINECK,D.L.	9002150332	50-331 Q
MCCABE,E.C.	9002050019*	50-244	MEEKINS,J.D.	9002080305	PR	MINNERS,W.	9001300184	TOPREP
MCCABE,E.C.	9002080372	50-244	MELLEN,L.	9002230376*	50-413	MIRAGLIA,F.J.	8901240163*	FOIA
MCCABE,E.C.	9002070044	50-244	MELLEN,L.S.	9001300468*	50-280	MIRAGLIA,F.J.	8902020007*	FOIA
MCCABE,E.C.	9002220171	50-244	MELLOP,M.L.	9002060342	50-206	MIRAGLIA,F.J.	8903020228*	FOIA
MCCABE,E.C.	9002230226	50-57	MENDONCA,M.	9002220186	50-275	MIRAGLIA,F.J.	9002130235*	FOIA
MCCABE,E.C.	9002230236	50-244	MENDONCA,M.M.	9002150008*	50-344	MIRAGLIA,F.J.	9002130313*	50-416 P
MCCANCE,W.T.	9002150194	50-213	MENNING,J.E.	9001310273*	50-321	MIZNER,J.H.	9002010035	50-443 G
MCCANN,G.M.	8710080126*	40-8948	MERCADO,D.P.	9002090058	71-155	MLYNAREK,M.G.	9002230538	50-255 R
MCCANN,G.M.	9002050124*	40-7397	MERRILL,K.C.	9001310069	XPORTLIC	MODENOS,L.P.	9001310004*	50-395 Q
MCCANN,G.M.	9002050173*	40-7397	MESERVE,R.A.	9002080051	40-2061	MODENOS,L.P.	9002230469*	50-395 Q
MCCANN,G.M.	9002050199*	40-7397	MESERVE,R.A.	9002080051	40-2061	MOELLER,D.W.	9001050124	ADVCM
MCCANN,G.M.	9002050228*	40-8948	MESERVE,R.A.	9002080097	40-2061	MOELLER,D.W.	9002080033	ADVCM
MCCANN,G.M.	9002070268*	40-7397	MESERVE,R.A.	9002080097	40-2061	MOELLER,D.W.	9002080043	ADVCM
MCCANN,M.	9002050150*	40-7397	MESERVE,R.A.	9002080101*	40-2061	MOELLER,D.W.	9002080059	ADVCM
MCCANN,R.J.	9002140014	50-483	MESERVE,R.A.	9002080101*	40-2061	MOFFATT,L.W.	9002230046	50-302 S
MCCAUGHEY,D.A.	9001310370*	70-1100	MESERVE,R.A.	9002080108	40-2061	MONTGOMERY,J.M.	9002230223*	FOIA
MCCAUGHEY,D.A.	9002090124*	70-36	MESERVE,R.A.	9002080108	40-2061	MOONEY,J.	9002120261	71-24
MCCLAIN,D.	9002120275*	50-268	MESSIER,M.	9001290238*	71-384	MOORE,J.E.	9002080125	50-445 G
MCCLINTOCK,R.O.	9002060071*	40-7102	MESSIER,M.	9002050253*	71-280	MOORMAN,J.H.	9002090094*	50-250 V
MCCLINTOCK,R.O.	9002060120*	40-7102	MESSIER,M.	9002120149*	71-159	MORAN,D.M.	9002101113	50-443 G
MCCLINTOCK,R.O.	9002060135*	FOIA	MESSIER,M.	9002140095*	71-529	MORCZKA,E.J.	9002150151	50-213 H
MCCLINTOCK,R.O.	9002060173*	40-7102	MEYER,D.L.	9002020248*	FOIA	MOREY,D.N.	9002230139	50-348 F
MCCLUNG,R.W.	9002120284	NUREG	MEYER,G.W.	9001300320*	50-220	MOREY,D.N.	9001310010	50-364 F
MCCONAGHY,W.J.	9002060304	PROJ	MEYER,G.W.	9001300333*	50-333	MORGAN,H.E.	9001290020	50-206 F
MCCONAGHY,W.J.	9002120264	PROJ	MEYER,G.W.	9002160070	50-333	MORGAN,H.E.	9001300161	50-361 F
MCCONNELL,T.L.	9001300406	50-369	MEYER,G.W.	9002220724*	50-286	MORGAN,H.E.	9002010215	50-206 S
MCCONNELL,T.L.	9002140045	50-369	MEYER,G.W.	9002230122*	50-220	MORGAN,H.E.	9002070120	50-206 S
MCCONNELL,T.L.	9002220072*	50-369	MEYER,L.C.	9002120329	NUREG	MORGAN,H.E.	9002080382	50-206 S
MCCONNELL,T.L.	9002230172	50-370	MEYER,M.A.	9002120292	NUREG	MORGAN,H.E.	9002130271	50-206 S
MCCOOL,W.B.	9002130302*	FOIA	MEYER,T.A.	9002120303*	50-455	MORGAN,H.E.	9002150314	50-361 V
MCCOOL,W.B.	9002130305*	FOIA	MICHAELS,T.S.	9002020022	ORG	MORGAN,H.E.	9002150319	50-361 V
MCCORMICK,M.J.	9001300417	50-353	MICHAELS,T.S.	9002080374	50-184	MORGAN,H.E.	9002260299	50-362 S
MCCORMICK,M.J.	9002050017	50-352	MICHAELS,T.S.	9002090159	50-193	MORGAN,R.E.	9002020186	50-261 S
MCCORMICK,M.J.	9002130391	50-353	MICHAELS,T.S.	9002120045	50-116	MORGAN,R.E.	9002220099	50-261 S
MCCORMICK,M.J.	9002220718	50-353	MICHELSON,C.	9002070368	ACRS	MORGAN,R.E.	9002220126	50-261 S
MCCORMICK,M.J.	9002230118	50-352	MICHELSON,C.	9002270400	ACRS	MORGAN,R.E.	9002220270	50-261 S
MCCOY,C.K.	9002150003	50-424	MICHELSON,C.	9002280047	ACRS	MORGENSTERN,M.	9002060273*	40-7102
MCCOY,M.C.	9002140037*	50-482	MIELE,M.L.	9002230141	PR	MORGENSTERN,M.	9002070443*	40-7102
MCDONALD,D.G.	9001290150	50-317	MIKKELSON,K.	9002160040*	50-461	MORIARTY,M.	9002070274*	40-7397
MCDONALD,D.G.	9002070294	50-317	MILHOAN,J.L.	8803220282*	FOIA	MORRILL,V.W.	9002120229	40-6698
MCDONALD,D.G.	9002080369	50-317	MILHOAN,J.L.	9002010130	50-313	MORRIS,K.J.	9001290074	50-285
MCDONALD,D.G.	9002220548	50-317	MILLAR,D.	9001300168	50-313	MORRIS,K.J.	9001310299	50-285 P
MCDONALD,D.G.	9002230165	50-293	MILLAR,D.	9001300378	50-313	MORRIS,K.J.	9001310324	50-285 P
MCDOW,J.	9002080007	70-25	MILLAR,D.	9001310009	50-368	MORRIS,K.J.	9001310326*	50-285 P
MCDOW,J.	9002080025	70-25	MILLAR,D.	9002080162	50-368	MORRIS,K.J.	9001310342	50-285 P
MCDOW,J.	9002080029	70-25	MILLAR,D.	9002120252	50-368	MORRIS,K.J.	9001310411*	50-285 P
MCDOW,J.	9002130017	70-25	MILLARD,H.T.	9002150065	50-274	MORRIS,K.J.	9002010071	PR
MCDOW,J.	9002220006	50-250	MILLER,D.B.	9001280226	71-9216	MORRIS,K.J.	9002010128	50-285 P
MCEACHERN,P.	9002010054	50-443	MILLER,D.B.	9001300192	50-213	MORRIS,K.J.	9002010291	50-285 P
MCEACHERN,P.	9002010054	50-443	MILLER,D.B.	9001310303	50-213	MORRIS,K.J.	9002020220	50-285 Q
MCFLHINNEY,T.F.	9002010246*	50-250	MILLER,D.B.	9002150240*	50-213	MORRIS,K.J.	9002050236	50-285 R
MCFADDEN,J.	9002060225*	40-7102	MILLER,H.J.	8803220162*	FOIA	MORRIS,K.J.	9002060054	50-285 P
MCFADDEN,J.	9002070304*	40-7102	MILLER,H.J.	9001300126	50-255	MORRIS,K.J.	9002090182	50-285 P
MCGEHE,C.	9002220003	PR	MILLER,H.J.	9001310245	50-341	MORRIS,K.J.	9002090184	50-285 Q
MCGUIRE,D.M.	9002010147*	70-27	MILLER,H.J.	9001310248*	50-341	MORRIS,K.J.	9002130137*	50-285 Q
MCGUIRE,D.R.	9001290009*	70-1151	MILLER,H.J.	9002010166	50-295	MORROW,M.C.	9002020186	50-261 F
MCGUIRE,D.R.	9001310392*	50-321	MILLER,H.J.	9002230450	50-397	MOSER,S.W.	9001300239*	50-369 R
MCGUIRE,D.R.	9002130192*	70-143	MILLER,L.	9001300231	50-397	MOSER,S.W.	9002230262*	50-269 R

## 232 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
MOSLAK,T.A.	9001310444*	50-54 Q	MURRAY,B.	9002140261*	50-458 Q	NUSSBAUMER,D.A.	9002060402*	40-7102
MOSS,J.C.	9002080256	PR	MURRAY,B.	9002220451*	50-148 Q	NUSSBAUMER,D.A.	9002060410*	40-7102
MOXLEY,M.	9002120213	40-4492	MURRAY,M.J.	9002140064	50-130 P	NUSSBAUMER,D.A.	9002060412*	40-7102
MOY,D.T.	9002070319*	50-317 Q	MUSSER,R.A.	9001310273*	50-321 Q	NUSSBAUMER,D.A.	9002070082*	40-7397
MOZAFARI,B.	9002140024	50-324 P	MUTYALA,B.R.	9002080361*	50-275 Q	NUSSBAUMER,D.A.	9002070145*	40-7102
MROCZKA,E.J.	9001300132	50-213 P	MYERS,C.	9002150182	PR	NUSSBAUMER,D.A.	9002070171*	40-7397
MROCZKA,E.J.	9001300132	50-213 P	MYKYTA,L.	9002050251*	71-260	NUTTALL,J.	9002150265	PR
MROCZKA,E.J.	9001300273	50-423 P	MYKYTA,L.	9002050256*	71-260	O'CONNELL,P.	9002060362*	50-244 Q
MROCZKA,E.J.	9001300273	50-423 P	NALEZNY,C.L.	9001120312*	50-413 P	O'CONNELL,R.S.	9002220599	50-445 M
MROCZKA,E.J.	9001300315	50-423 P	NALEZNY,C.L.	9001120312*	50-413 P	O'CONNOR,D.J.	9002220683	FOIA
MROCZKA,E.J.	9001300315	50-423 P	NALEZNY,C.L.	9001220107*	50-395 P	O'CONNOR,P.W.	9002070260	50-298 P
MROCZKA,E.J.	9001310115	50-213 Q	NANDY,F.R.	9001300238	50-206 S	O'CONNOR,P.W.	9002220671	50-298 P
MROCZKA,E.J.	9001310115	50-213 Q	NANDY,F.R.	9001310275	50-206 P	O'CONNOR,P.W.	9002220678	50-298 P
MROCZKA,E.J.	9002010183	50-213 Q	NANDY,F.R.	9002050096	50-206 S	O'LEARY,T.	9002130060	PR
MROCZKA,E.J.	9002010183	50-213 Q	NANDY,F.R.	9002070183	50-206 P	O'NEIL,J.H.	9002130205	PR
MROCZKA,E.J.	9002020056	50-213 P	NANDY,F.R.	9002070475	50-206 Q	O'NEIL,R.A.	9002220610	50-445 M
MROCZKA,E.J.	9002020056	50-213 P	NANDY,F.R.	9002070476	50-206 Q	O'NEIL,R.A.	9002220610	50-445 M
MROCZKA,E.J.	9002020056	50-213 P	NANDY,F.R.	9002130218	50-361 S	OGINO,Y.	9002010441*	XPORTLIC
MROCZKA,E.J.	9002020243	50-213 P	NANDY,F.R.	9002140020	50-206 P	OLIVERI,M.A.	9001300015*	50-313 Q
MROCZKA,E.J.	9002020243	50-213 P	NANDY,F.R.	9002230199	50-361 Q	OLIVERI,M.A.	9002060361*	50-334 Q
MROCZKA,E.J.	9002020243	50-213 P	NANDY,F.R.	9002230284	50-361 R	OLSEN,A.F.	9001300068	70-27
MROCZKA,E.J.	9002070415	50-245 P	NANDY,F.R.	9002230409	50-361 P	OLSEN,A.F.	9002120369	70-27
MROCZKA,E.J.	9002070415	50-245 P	NARBUT,P.	9002220196	50-275 S	OLSEN,A.F.	9002130312	70-27
MROCZKA,E.J.	9002070458	50-245 Q	NASLUND,C.D.	9002220148	50-483 P	OLSEN,A.F.	9002130326	70-27
MROCZKA,E.J.	9002070458	50-245 Q	NATHAN,S.N.	9002120337	50-275 G	OLSEN,A.F.	9002220219	71-5341
MROCZKA,E.J.	9002080181	50-213 R	NEIDER,T.J.	9001300443	71-9233	OLSEN,W.	9001300130*	50-166 Q
MROCZKA,E.J.	9002080181	50-213 R	NEIGHBORS,J.D.	9002060310	50-286 Q	OLSEN,W.T.	9002090029*	50-309 Q
MROCZKA,E.J.	9002080199	50-336 P	NEIGHBORS,J.D.	9002060317	50-286 F	OLSHAN,L.N.	9002140103	50-454 P
MROCZKA,E.J.	9002080199	50-336 P	NEIGHBORS,J.D.	9002070002	50-286 P	OLSHAN,L.N.	9002160131	50-454 P
MROCZKA,E.J.	9002080209	50-213 H	NEIGHBORS,J.D.	9002070079	50-286 P	OLSHAN,L.N.	9002160145	50-454 P
MROCZKA,E.J.	9002080209	50-213 H	NEILL,R.H.	9001300051	WASTE MGT	ORDERS,W.T.	9002070100*	50-413 Q
MROCZKA,E.J.	9002080209	50-213 H	NEILL,R.H.	9001300051	WASTE MGT	ORLANDO,T.	9001300195*	50-286 P
MROCZKA,E.J.	9002080232	50-213 H	NEJFEL,T.G.M.	9002080381*	50-461 V	ORLENIAK,R.V.	9002010246*	50-250 Q
MROCZKA,E.J.	9002080232	50-213 H	NELN,P.M.	9002050422*	40-7102 S	ORSER,W.S.	9001300045	50-341 S
MROCZKA,E.J.	9002080232	50-213 H	NELSON,G.B.	9002010147*	70-27	ORSER,W.S.	9002020205	50-341 S
MROCZKA,E.J.	9002090246	50-213 P	NELSON,G.W.	9002050003	50-113 J	ORSER,W.S.	9002080297	50-341 S
MROCZKA,E.J.	9002090246	50-213 P	NELSON,G.W.	9002130147	50-113 P	ORSER,W.S.	9002130321	50-341 S
MROCZKA,E.J.	9002090246	50-213 P	NELSON,J.H.	9002050191	WASTE MGT	ORSER,W.S.	9002140179	50-341 Q
MROCZKA,E.J.	9002140090	50-245 S	NELSON,J.W.	8501090527*	FOIA	ORTICELLE,A.	9002220668	50-272 R
MROCZKA,E.J.	9002140090	50-245 S	NELSON,P.R.	9002050430*	40-7102	ORTON,B.	9002160040*	50-461 V
MROCZKA,E.J.	9002140107	50-245 Q	NELSON,P.R.	9002050442*	40-7102	OSBORN,T.G.	9002010237	40-8904
MROCZKA,E.J.	9002140107	50-245 Q	NELSON,P.R.	9002060032*	40-7102	OSBORN,T.G.	9002090362	40-8904
MROCZKA,E.J.	9002140110	50-213 P	NEPSEE,T.C.	9002120129	NUREG	OSTROGORSKY,M.	9002150257	PR
MROCZKA,E.J.	9002140110	50-213 P	NERON,G.	9002140230	50-336 R	OVERLOOK,T.W.	9002140277	50-327 F
MROCZKA,E.J.	9002150151	50-213 H	NERSES,V.	9001290155	50-443 T	OWEN,T.B.	9002120039	50-413 S
MROCZKA,E.J.	9002150151	50-213 H	NERSES,V.	9002070264	50-443 P	OWEN,T.B.	9002130329	50-414 S
MROCZKA,E.J.	9002150365	50-245 Q	NERSES,V.	9002080325	50-443 P	OWEN,T.B.	9002130347	50-413 S
MROCZKA,E.J.	9002150365	50-245 Q	NERSES,V.	9002160072	50-443 P	OWEN,T.B.	9002140078*	50-413 V
MROCZKA,E.J.	9002150365	50-245 Q	NEWBERRY,S.	9002080172	TOPREP	OWEN,W.H.	9002140195	50-413 P
MROCZKA,E.J.	9002220016	50-213 H	NEWBURGH,G.	9002140270	50-245 R	PALLA,R.L.	9002130227	REVIEW GR P
MROCZKA,E.J.	9002220016	50-213 H	NEWMAN,H.J.	9002060043	27-48	PALLARIA,B.J.	9001310158*	71-691
MROCZKA,E.J.	9002220016	50-213 H	NEWMAN,H.J.	9002120125	27-48	PALMER,G.R.	9002120341	NUREG
MUDLIN,J.D.	9002140225*	50-317	NEWMAN,H.J.	9002120371	27-48	PAOLINO,R.J.	9002160162*	50-272 Q
MUELLER,M.	9002200273	50-312	NEWMAN,H.J.	9002220296	27-48	PAOLINO,R.J.	9002230192*	50-443 Q
MULLER,G.R.	9002060007*	50-259 P	NEWSOME,R.W.	9001310112*	50-424 Q	PAOLINO,R.J.	9002230451*	50-334 Q
MULVEHILL,J.M.	9002150075	50-341 F	NICHOLAS,J.B.	9002140261*	50-458 Q	PAPERIELLO,C.J.	9002150389*	40-2061
MUNRO,J.F.	9001300292*	50-395 V	NICHOLAS,S.E.	9002230484	50-309 R	PARCE,M.V.	9002120143	NUREG
MUNRO,J.F.	9001300503*	50-321 V	NICHOLSON,L.E.	9002130323*	50-280 Q	PARIS,R.D.	9002080284	PR
MUNRO,J.J.	9002130102	PR	NICHOLSON,L.E.	9002130343*	50-280 Q	PARKER,A.	9002150159	PR
MUNTZING,L.M.	9002050146*	COMMISSION	NIMTOL,R.L.	9002130098*	50-272 Q	PARKER,S.D.	9002060050	WASTE MGT
MURDOCK,S.	9002010206	40-6622	NOBLE,T.	9002140277	50-327 F	PARKER,T.M.	9001310075	50-306 S
MURDOCK,S.	9002090353	40-6622	NOLL,W.G.	9001300187	50-245 S	PARKER,T.M.	9002020252	50-263 S
MURKOWSKI,F.H.	9002220047	PR	NOLTE,M.C.	9002010234	40-6622	PARKER,T.M.	9002080076	50-282
MURLEY,T.E.	8502060379*	FOIA	NOONAN,T.P.	9001300367	50-334 S	PARKER,T.M.	9002080101	50-282 P
MURLEY,T.E.	90011290056	50-312 P	NOONAN,T.P.	9001300393	50-334 S	PARKER,T.M.	9002060152	50-263 P
MURLEY,T.E.	9001300482	50-250 H	NOONAN,T.P.	9001300398	50-412 S	PARKER,T.M.	9002140280	50-263 R
MURLEY,T.E.	9001310489	50-155 P	NOONAN,T.P.	9001300444	50-334 S	PARKER,T.M.	9002150002	50-282 S
MURLEY,T.E.	9002020090	ORG	NOONAN,T.P.	9002200077	50-334 S	PARKER,T.M.	9002230219	50-282 S
MURLEY,T.E.	9002050360	50-322 H	NOONAN,T.P.	9002120340	50-412 S	PARKHILL,R.W.	9002080065*	50-395 Q
MURLEY,T.E.	9002120268	50-155 P	NOONAN,T.P.	9002230028	50-334 S	PARLER,W.C.	9001300102	SECY
MURLEY,T.E.	9002130245*	FOIA	NOONAN,T.P.	9002230047	50-334 S	PARLER,W.C.	9002050027	50-443 H
MURLEY,T.E.	9002220342	50-443 H	NORELIUS,C.E.	9001290258	50-263 P	PARTLOW,J.G.	8802240391*	FOIA
MURLEY,T.E.	9002220353*	50-443 H	NORELIUS,C.E.	9001300157	50-373 F	PARTLOW,J.G.	9001290051	50-3 P
MURLEY,T.E.	9002220653	50-445 M	NORELIUS,C.E.	9001300250	50-346 Q	PARTLOW,J.G.	9002020248*	FOIA
MURLEY,T.E.	9002220693	50-445 H	NORRIS,B.S.	9002140184*	50-244 Q	PARTLOW,J.G.	9002220058	TOPREP
MURLEY,T.E.	9002220698	50-445 M	NORRIS,B.S.	9002220639*	50-289 V	PASCIAC,W.	9001300229*	50-320 Q
MURLEY,T.E.	9002230066	50-250 H	NORRIS,J.A.	9002230484	50-389 P	PASCIAC,W.	9002060362*	50-244 Q
MURLEY,T.E.	9002230068*	50-250 H	NOTARO,J.A.	9002220204	50-322 S	PASCIAC,W.	9002080006*	50-333 Q
MURLEY,T.E.	9002230072*	50-250 H	NOTARO,J.A.	9002230053	50-322 R	PASCIAC,W.	9002130088*	50-272 Q
MURLEY,T.E.	9002230179*	FOIA	NOVAK,T.M.	9002060399	50-285 S	PATE,R.J.	9002010193	50-113 Q
MURPHY,J.A.	9002230187*	50-295 P	NOVAK,T.M.	9002120044	50-244 S	PATE,R.J.	9002060250	50-206 Q
MURPHY,J.A.	9002080222	50-341 P	NOVAK,T.M.	9002220113	50-213 S	PATE,R.J.	9002220027	50-528 Q
MURPHY,W.P.	9001310500	50-271 P	NUSSBAUMER,D.A.	9002050242*	40-7102	PATE,R.J.	9002270186*	50-397 Q
MURPHY,W.P.	9002010376	50-271 R	NUSSBAUMER,D.A.	9002050247*	40-7102	PATEL,C.P.	9002010073	50-295 P
MURPHY,W.P.	9002150141	50-271 R	NUSSBAUMER,D.A.	9002060334*	40-7102	PATEL,C.P.	9002070300	50-295 P
MURPHY,W.P.	9002220179	50-271 Q	NUSSBAUMER,D.A.	9002060356*	40-7102	PATEL,C.P.	9002140003	50-295 Q
MURRAY,B.	9001290243*	50-602 Q	NUSSBAUMER,D.A.	9002060385*	40-7102	PATEL,C.P.	9002140005	50-295 P
MURRAY,B.	9002090177*	50-313 Q	NUSSBAUMER,D.A.	9002060384*	40-7102	PATEL,C.P.	9002160183	50-304 P



AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
PATEL,C.P.	9002230493	50-295	PLOTKIN,S.C.	9002080092	70-25	RATHBUN,D.K.	9002050159	XPORTLIC
PATHAK,A.P.	9001300131*	50-498	PLOTKIN,S.C.	9002280010	70-25	RATHBUN,D.K.	9002150252	40-443
PATHAK,A.P.	9001300148*	50-498	POCHER,R.J.	9001300183	50-317	RATHE,D.J.	9002150040	40-2061
PATTEN,K.W.	9002120081	CONTRACT	POHLE,J.	9002080079*	WASTE MGT	RATHE,D.J.	9002150055*	40-2061
PATTERSON,C.A.	9001300155*	50-259	POLLACK,M.J.	9001300330	50-272	RAU,E.D.	9002160040*	50-461
PATTERSON,C.A.	9001300168*	50-259	POLLACK,M.J.	9001310025	50-311	RAY	9002230230	PR
PATTERSON,C.A.	9002130226*	50-259	POLLACK,M.J.	9002090308	50-311	RAY,H.B.	9001310380	50-206
PATTERSON,C.A.	9002140153*	50-259	POLLACK,M.J.	9002090313	50-272	RAY,H.B.	9002220051	50-362
PATTERSON,J.	9001300256*	50-454	POLLACK,M.J.	9002090322	50-311	RAY,H.B.	9002220057*	50-362
PATTERSON,J.	9002090002*	50-237	POLLACK,M.J.	9002120214	50-311	RAY,H.B.	9002220067	50-361
PATTISON,R.S.	8912130304	40-8084	POLLACK,M.J.	9002120215	50-311	RAY,H.B.	9002220304	50-206
PATTISON,R.S.	9002130220	40-8084	POLLACK,M.J.	9002120223	50-272	RAY,H.B.	9002230530	50-362
PAUL,R.A.	9001310251*	50-341	POLLACK,M.J.	9002130099	50-311	RAY,M.J.	8911270024	50-390
PAULSON,W.A.	9002090153	50-458	POLLACK,M.J.	9002220012	50-311	RAY,M.J.	9001300211	50-259
PAULSON,W.A.	9002220744	50-458	POLLACK,M.J.	9002220020	50-272	RAY,M.J.	9001300322	50-327
PAULY,R.	9002230053	50-322	POLLACK,M.J.	9002220043	50-272	RAY,M.J.	9001310189	50-259
PAUSTIAN,H.H.	9002140280	50-263	POLLACK,M.J.	9002220729	50-311	RAY,M.J.	9002010068	40-1341
PEARSON,J.B.	9002080257	PR	POLLACK,M.J.	9002230113	50-311	RAY,M.J.	9002010197	50-259
PECK,D.L.	8912200254	71-58	POLLACK,M.J.	9002230162	50-311	RAY,M.J.	9002010204	50-327
PEEBLES,T.A.	9001300098	50-413	PONTO,J.A.	9002080265	PR	RAY,M.J.	9002020016	50-327
PEEBLES,T.A.	9001300290	50-395	POOLE,G.R.	9002220315*	CONTRACT	RAY,M.J.	9002020121	50-259
PEEBLES,T.A.	9001300449	50-321	POPIELAK,R.S.	9001310108*	40-8907	RAY,M.J.	9002060034	50-327
PEEBLES,T.A.	9001300496	50-321	PORTER,K.F.	9002220245	50-528	RAY,M.J.	9002060210	50-259
PEEBLES,T.A.	9002010252	50-400	PORTER,W.F.	9002020302	40-7102	RAY,M.J.	9002070055	50-260
PEEBLES,T.A.	9002080321	50-324	POSLSUNY,C.	9001290222	50-313	RAY,M.J.	9002080159	50-259
PEEBLES,T.A.	9002080328	50-400	POST,B.E.	9002010057*	50-499	RAY,M.J.	9002120315	50-391
PEEBLES,T.A.	9002090027	50-413	POST,B.E.	9002010424*	50-498	RAY,M.J.	9002130070	50-390
PEEBLES,T.A.	9002090032	50-400	POTAPOVS,U.	9002070042*	QA999	RAY,M.J.	9002130135	50-260
PEEBLES,T.A.	9002090084	50-250	POTTER,J.P.	9002230391*	70-27	RAY,M.J.	9002150155	50-327
PEEBLES,T.A.	9002140073	50-413	POULK,R.M.	9002230001	50-325	RAY,M.J.	9002220362	50-390
PEEBLES,T.A.	9002160073	50-280	POWELL,D.R.	9002130387	50-250	RAY,M.J.	9002220377	50-327
PEEBLES,T.A.	9002160212	50-335	POWELL,D.R.	9002230044	50-250	RAY,M.J.	9002220382	50-327
PEEBLES,T.A.	9002230315	50-413	POWERS,C.M.	9002130069	50-397	RAY,M.J.	9002220660	50-259
PEEBLES,T.A.	9002230373*	50-413	POWERS,C.M.	9002220372	50-397	RAY,M.J.	9002230259	50-327
PEEBLES,T.A.	9002230374*	50-413	POWERS,D.	9002130282*	50-285	RAY,M.L.	9001290041	50-260
PEEBLES,T.A.	9002230397	50-324	POWERS,D.	9002140009*	50-458	RAY,M.L.	9001300044	50-390
PEEBLES,T.A.	9002230398*	50-324	POWERS,D.A.	9002080213*	50-458	READ,R.	9002080070	FOIA
PELLER,J.P.	9002020259	50-271	POWERS,D.A.	9002090181*	50-498	REDMAN,L.	9002130046	PR
PENDERGAST,J.	9001300245	50-341	PRELL,J.A.	9002150180	PR	REEVES,E.A.	9002130162	50-348
PENDERGAST,J.	9002020205	50-341	PRELL,J.A.	9002150216*	50-213	REICH,M.	9001290311*	50-275
PENDERGAST,J.	9002080297	50-341	PRELL,J.A.	9001310262*	50-317	REID,B.	9002010378*	50-271
PENDERGAST,J.	9002130321	50-341	PRENDERGAST,K.	9002150010*	50-397	REIDINGER,T.D.	9002050177*	50-346
PENLAND,T.L.	9002270180	50-397	PRESTHOLT,P.T.	9002010141	WASTE MGT	REINHART,M.	9001310094	REVIEW GR
PENNINGTON,W.S.	9002070248*	40-7580	PRESTHOLT,P.T.	9002060053	WASTE MGT	REINHART,M.	9001310097	REVIEW GR
PERKO,D.M.	9002130301	50-440	PRESTHOLT,P.T.	9002220120	WASTE MGT	REMICK,F.J.	8903010441	ACRS
PERRY,J.A.	9002140260	50-220	PRESTHOLT,P.T.	9002220124	WASTE MGT	REMICK,F.J.	8910270047	ACRS
PERRY,J.A.	9002140265*	50-220	PRESTHOLT,P.T.	9002220130	WASTE MGT	RENEAU,N.	9002230186	PR
PERRY,P.S.	9002070087	50-461	PRESTHOLT,P.T.	9002230492	WASTE MGT	RENTSCHLER,R.B.	9002220048	WASTE MGT
PETERSON,G.C.	9002050337	50-443	PRESTON,B.A.	9002080016	50-272	REYES,L.A.	9002010244	50-250
PETERSON,G.C.	9002060014	50-331	PREVATTE,R.L.	9001310004*	50-395	REYES,L.A.	9002010245*	50-250
PETERSON,M.R.	9002080141	XPORTLIC	PREVATTE,R.L.	9002230469*	50-395	REYES,L.A.	9002130280	50-400
PETERSON,M.R.	9002080151	XPORTLIC	PRIMOSICA,J.	9002070110*	40-7397	REYES,L.A.	9002130337	50-280
PETERSON,M.R.	9002090025	XPORTLIC	PRIMOSICA,J.	9002070113*	40-7397	REYNOLDS,M.W.	9002120363	WASTE MGT
PETERSON,M.R.	9002090077	XPORTLIC	PRIMOSICA,J.	9002070132*	40-7397	REYNOLDS,N.S.	9002080169	PR
PETERSON,M.R.	9002120109	XPORTLIC	PRIMOSICA,J.	9002070166*	40-7397	REYNOLDS,S.A.	9002220155	50-312
PETERSON,M.R.	9002150018	XPORTLIC	PRIMOSICA,J.	9002070188*	40-7397	RHODES,F.T.	9002070413	50-482
PETERSON,M.R.	9002150026	XPORTLIC	PRIMOSICA,J.	9002070213*	40-7397	RICH,R.	9002150162	PR
PETERSON,M.R.	9002150027	XPORTLIC	PRIMOSICA,J.	9002070395*	40-7397	RICHARDS,S.	9002020025	50-312
PETERSON,M.R.	9002150080	XPORTLIC	PRIVIDY,L.J.	9001310287*	50-286	RICHARDS,S.A.	9002020001	50-397
PETERSON,M.R.	9002220731	XPORTLIC	PROCTER,K.M.	9002080272	PR	RICHARDS,S.A.	9002150007	50-344
PETROSINO,J.J.	9001310332*	QA999	PRTER,E.C.	9002060169	50-271	RICHEY,R.B.	9002020031	50-400
PETROSINO,J.J.	9001310431*	QA999	PULSIFER,R.M.	9002060103	50-155	RICHEY,R.B.	9002050057	50-400
PETROSINO,J.J.	9002050380*	QA999	PULSIFER,R.M.	9002150354	50-155	RICHEY,R.B.	9002120336	50-400
PETROSINO,J.J.	9002120147*	QA999	PULSIFER,R.M.	9002220384	50-155	RICHEY,R.B.	9002130035	50-400
PEVEY,L.E.	9002090375	70-398	QUAIN,P.B.	9002020020	XPORTLIC	RICHEY,R.B.	9002130045	50-400
PHILIPS,J.	9002080073	FOIA	QUAIN,P.B.	9002020021*	XPORTLIC	RICHEY,R.B.	9002220128	50-400
PHILIPS,J.	9002130265	FOIA	QUAIN,P.B.	9002070258	XPORTLIC	RICHEY,R.B.	9002220392	50-400
PHILIPS,J.	9002130268	FOIA	QUAIN,P.B.	9002070266*	XPORTLIC	RICHEY,R.B.	9002230235	50-400
PHILIPS,J.	9002130296	FOIA	QUAIN,P.B.	9002080144*	XPORTLIC	RICHTER,M.H.	9001290140	50-295
PHILIPS,J.	9002150276	FOIA	QUERIO,R.E.	9002010085	50-456	RICHTER,M.H.	9001290165	50-456
PHILIPS,J.	9002160138	FOIA	QUERIO,R.E.	9002230074	50-456	RICHTER,M.H.	9001290194	50-295
PHILIPS,J.	9002280085	FOIA	QUERIO,R.E.	9002230320	50-456	RICHTER,M.H.	9002060073	50-295
PHILIPS,J.D.	9002230009	FOIA	RADIN,A.	9002080220	WASTE MGT	RICHTER,M.H.	9002060230	50-295
PHILIPS,J.D.	9002280221	FOIA	RANKIN,W.	9001310298*	50-369	RICHTER,M.H.	9002060369	50-237
PHILIPS,J.D.	9002280237	FOIA	RANKIN,W.	9002150331*	70-27	RICHTER,M.H.	9002230104	50-454
PHILIPS,J.D.	9002280256	50-458	RANKIN,W.H.	9002130044*	50-348	RICKETSON,L.T.	9002090177*	50-313
PHILLIPS,H.S.	9002080161*	50-445	RAPP,C.W.	9001300503*	50-321	RINALDI,L.	9002130117	PR
PHILLIPS,L.T.	9002120112*	50-255	RASKIN,J.E.	9002280007	70-25	RIPLEY,L.	9002130196	PR
PICCOONE,J.	9001300188	I&E	RASKINS,J.E.	9002080092	70-25	RISLEY,L.A.	9002150362	PR
PICCOONE,J.	9002010379	I&E	RATHBUN,D.K.	9002050052	PRM	RIVES,F.B.	9002150281	PR
PIRTLE,G.L.	9002090256*	50-315	RATHBUN,D.K.	9002050080	PRM	ROBERTS,J.P.	9001300463	50-282
PITTERLE,T.A.	9002020264*	50-247	RATHBUN,D.K.	9002050088	PRM	ROBERTS,J.P.	9001300470	PROJ
PLAPPERT,R.D.	9002220285	50-206	RATHBUN,D.K.	9002050078	PRM	ROBERTS,J.P.	9002070204	50-269
PLENIEWICZ,R.	9002150012	50-454	RATHBUN,D.K.	9002050087	PRM	ROBERTS,J.P.	9002070247	PROJ
PLENIEWICZ,R.	9002220074	50-455	RATHBUN,D.K.	9002050095	PRM	ROBERTS,J.P.	9002070315	PROJ
PLOETZ,D.K.	9002010334	PROJ	RATHBUN,D.K.	9002050103	PRM	ROBERTS,J.P.	9002230280*	50-280
PLOETZ,D.K.	9002010343*	PROJ	RATHBUN,D.K.	9002050108	PRM	ROBERTSON,G.	9001300385	27-48
PLOETZ,D.K.	9002010348*	PROJ	RATHBUN,D.K.	9002050117	PR	ROBERTSON,G.	9002010082	STATE PRO G

## 234 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
ROBEY, R.A.	9002220223	50-254	RYAN, A.F.	9002050407*	40-8610	SCHULTZ, S.P.	9001310228	50-29
ROBINSON, R.	9002130178*	CONTRACT	RYAN, M.T.	9002080287	PR	SCHUMACHER, M.	9002230479*	50-458
ROBIN, M.A.	9002140098	50-139	RYAN, M.T.	9002080282*	PR	SCHUMACHER, M.C.	9002220089*	50-440
ROCHE, M.B.	9001300264	50-320	SABEK, M.	9001290314*	50-275	SCHUSTER, T.	9001120034	50-454
ROCHE, M.B.	9001300365	50-320	SAGER, D.A.	9002010266	50-335	SCHUSTER, T.K.	9001310208	50-454
ROCHE, M.B.	9001300367*	50-320	SAGER, D.A.	9002020192	50-335	SCHUSTER, T.K.	9002120291	50-455
ROCHE, M.B.	9002010417	50-320	SAGER, D.A.	9002070001	50-335	SCHUSTER, T.K.	9002140256	50-454
ROCHE, M.B.	9002020157	50-320	SAGER, D.A.	9002120004	50-335	SCHUSTER, T.K.	9002220173	50-454
ROCHE, M.B.	9002020168	50-320	SAGER, D.A.	9002120265	50-389	SCHWABENBAUER	9002020031	50-400
ROCHE, M.B.	9002060146	50-320	SAGER, D.A.	9002150179	50-335	SCHWABENBAUER	9002130035	50-400
ROCHE, M.B.	9002220331	50-320	SAGER, D.A.	9002150186	50-335	SCOTT, D.	9002020252	50-263
ROCHE, M.B.	9002230337	50-320	SAGER, D.A.	9002230298	50-389	SCOTT, D.S.	9002120273*	50-155
RODE, J.A.	9002230130	70-36	SAINT ANDRE, B.	9002010031	50-443	SEARS, C.F.	9001310115	50-213
RODEHAU, T.J.	9002120155*	CONTRACT	SAINT ANDRE, B.	9002010031	50-443	SEARS, P.M.	9002050241	50-29
RODERICK, J.T.	9002130168	PR	SAINT ANDRE, B.	9002010031	50-443	SEARS, P.M.	9002070157	50-29
RODGERS, J.	9001300054*	WASTE MGT	SAMUELS, J.L.	9002060198*	50-458	SEIDLE, W.C.	9002050296*	50-285
ROE, J.W.	8708100059*	FOIA	SAMWORTH, R.B.	9002020289	50-397	SENSENBRENNER	9002230463*	50-322
ROE, J.W.	8712240090*	FOIA	SAMWORTH, R.B.	9002060184	50-397	SERKIZ, A.W.	9002010242	REVIEW GR P
ROE, J.W.	8803220149*	FOIA	SAMWORTH, R.B.	9002080143*	50-397	SERVA, W.L.	9002120329	NUREG
ROE, J.W.	8810210189*	FOIA	SANDERS, P.J.	9002230105	FOIA	SEYBOLD, C.F.	9002050426*	40-7102
ROE, J.W.	8801240247*	FOIA	SANFORD, T.	9001290098*	50-400	SEYBOLD, C.F.	9002050440*	40-7102
ROE, J.W.	9002270210	50-397	SANFORD, T.	9002070001	50-250	SEYBOLD, C.F.	9002060040*	40-7102
ROGERS, K.C.	9001310177	COMMISSION	SAPORITO, T.J.	9002080132*	50-250	SEYBOLD, C.F.	9002060047*	40-7102
ROGGE, J.F.	9002150024*	50-424	SAPORITO, T.J.	9002080143*	50-250	SEYBOLD, C.F.	9002060133*	40-7102
ROOD, H.	9001290304	50-275	SAPORITO, T.J.	9002080154*	50-250	SEYBOLD, C.F.	9002060371*	40-7102
ROSA, F.	8801240360*	FOIA	SAPORITO, T.J.	9002220025	50-250	SEYBOLD, C.F.	9002060376*	40-7102
ROSANO, R.P.	9002090052	50-424	SARSO, R.B.	9002220225	50-346	SEYBOLD, C.F.	9002070150*	40-7102
ROSEN, S.L.	9001310102	50-498	SAUNDERSON, R.	9002130125*	50-410	SEYBOLD, C.F.	9002070196*	40-7102
ROSEN, S.L.	9002230016	50-498	SAWYER, R.N.	9002220040*	50-443	SEYMOUR, D.A.	9001310099*	50-280
ROSENBLUM, R.M.	9001310480	50-382	SAXON, R.G.	9002280058	70-25	SHAFFER, W.D.	9001300086	50-237
ROSENBLUM, R.M.	9002020107	50-206	SCACE, S.	9001290212	50-245	SHAFFER, W.D.	9002050222*	FOIA
ROSENBLUM, R.M.	9002090039	50-206	SCACE, S.E.	9001300187	50-245	SHAFFER, W.D.	9002220284	50-373
ROSENBLUM, R.M.	9002220118	50-206	SCACE, S.E.	9001300187	50-245	SHAFFER, W.D.	9002220697	50-295
ROSENBLUM, R.M.	9002220150	50-206	SCACE, S.E.	9002050149	50-245	SHAFFER, R.	9002010293	40-8926
ROSENTHAL, A.S.	9002020126*	50-220	SCACE, S.E.	9002050149	50-245	SHAFFER, R.	9002010081	40-8857
ROSENTHAL, A.S.	9002020139*	50-220	SCACE, S.E.	9002070122	50-336	SHAFFER, R.	9002010295	40-8502
ROSIER, G.A.	9002080170	PR	SCACE, S.E.	9002070122	50-336	SHAH, S.J.	9002220747*	50-346
ROSS, D.F.	9002230197*	50-295	SCACE, S.E.	9002080129	50-336	SHAH, V.N.	9002120329	NUREG
ROSS, T.M.	9002070035	50-254	SCACE, S.E.	9002080129	50-336	SHANBAKY, M.	9001290031	I&E
ROSS, C.E.	9001230126	50-3	SCACE, S.E.	9002140230	50-336	SHANBAKY, M.	9001300198	I&E
ROSSI, C.E.	9001230175	50-3	SCACE, S.E.	9002140230	50-336	SHANBAKY, M.	9001310017	I&E
ROSSI, C.E.	9001240190	50-3	SCACE, S.E.	9002220708	50-336	SHANBAKY, M.	9002010379	I&E
ROSSI, C.E.	9001250020	50-3	SCACE, S.E.	9002220708	50-336	SHANKMAN, S.F.	9002080202	ORG
ROSSI, C.E.	9001260198	50-3	SCACE, S.E.	9002220719	50-423	SHANKMAN, S.F.	9002220136	ORG
ROSSI, C.E.	9001290102	50-3	SCACE, S.E.	9002220719	50-423	SHANNON, M.	9002150260*	50-400
ROSSI, C.E.	9002130242*	FOIA	SCACE, S.E.	9002220721	50-423	SHANNON, M.	9002230125*	50-400
ROSSI, C.E.	9002140115	I&E	SCACE, S.E.	9002220721	50-423	SHAPAR, H.K.	9002280262*	50-458
ROTH, J.	9001310444*	50-54	SCACE, S.E.	9002220742	50-423	SHEA, J.R.	9002230129	SECY
ROTH, J.	9002010211*	70-1100	SCACE, S.E.	9002220742	50-423	SHEEHAN, D.	9002230038	50-295
ROTH, J.	9002220177	70-887	SCALET, D.C.	9002050031	50-605	SHELTON, D.C.	9001310163*	50-346
ROUGHAN, C.M.	9002130325	71-9128	SCARANO, R.A.	9002070437	50-344	SHELTON, D.C.	9001310470	50-346
ROUSO, S.	9001290330	WASTE MGT	SCARANO, R.A.	9002070445*	50-344	SHELTON, D.C.	9002020198	50-346
ROUSO, S.	9001300040	WASTE MGT	SCARANO, R.A.	9002070447*	50-344	SHELTON, D.C.	9002120179	50-346
ROWE, J.M.	9002220154	50-184	SCARBROUGH, T.G.	9002080243	REVIEW GR P	SHELTON, D.C.	9002130362	50-346
ROY, F.E.	9001290235	71-384	SCHAPKER, J.F.	9002220101*	50-249	SHELTON, D.C.	9002130366	50-346
ROY, F.E.	9001290240*	71-384	SCHAUBERT, V.J.	9001290087	70-25	SHELTON, D.C.	9002130368*	50-346
RUBY, L.	9002070332	50-286	SCHAECHTER, H.B.	9002010422	XPORTLIC	SHELTON, D.C.	9002130375	50-346
RUEGER, C.F.	9002010434	71-78	SCHAECHTER, H.B.	9002020125	XPORTLIC	SHELTON, D.C.	9002150318	50-346
RUFFIN, R.	9002080019	50-416	SCHAECHTER, H.B.	9002020129	XPORTLIC	SHELTON, D.C.	9002220743	50-346
RUFFIN, S.R.	9002070198	50-267	SCHAECHTER, H.B.	9002080037	XPORTLIC	SHELTON, D.C.	9002230029	50-346
RUFFIN, S.R.	9002230280*	50-280	SCHAECHTER, H.B.	9002080044	XPORTLIC	SHELTON, D.C.	9002230034	50-346
RUITER, G.H.	9002140274	50-305	SCHAECHTER, H.B.	9002080048	XPORTLIC	SHELTON, D.C.	9002230227	50-346
RUMPLE, R.	9002140240	50-324	SCHAECHTER, H.B.	9002080052	XPORTLIC	SHEMANSKI, P.C.	9001310430	50-373
RUNDO, J.	9002150388*	40-2061	SCHAECHTER, H.B.	9002080055	XPORTLIC	SHEMANSKI, P.C.	9001310510	50-373
RUPP, J.L.	9002230195	50-311	SCHAECHTER, H.B.	9002090082	XPORTLIC	SHEMANSKI, P.C.	9002010084	50-374
RUSSELL, J.	9002070449*	50-344	SCHAECHTER, H.B.	9002120126	XPORTLIC	SHEMANSKI, P.C.	9002010089	50-237
RUSSELL, J.E.	9001290185	50-286	SCHAECHTER, H.B.	9002120132	XPORTLIC	SHEMANSKI, P.C.	9002160066	50-237
RUSSELL, J.E.	9001300195*	50-286	SCHAECHTER, H.B.	9002120140	XPORTLIC	SHEMBARGER, K.	9002010171*	50-295
RUSSELL, J.E.	9002070297	50-286	SCHAECHTER, M.C.	9002220637	50-445	SHEPARD, D.	9002050177*	50-346
RUSSELL, J.E.	9002080296	50-286	SCHAECHTER, M.C.	9002230344	PR	SHEPHERD, M.F.	9002060292	71-6280
RUSSELL, J.E.	9002090063	50-286	SCHERRER, A.E.	9002080253	PR	SHEPHERD, M.F.	9002150197	71-5984
RUSSELL, J.E.	9002220218	50-286	SCHERRER, A.E.	9002090070	50-470	SHERBINI, S.	9001300229*	50-320
RUSSELL, L.B.	9001300183	50-317	SCHERRER, A.E.	9002220252	71-6294	SHERBINI, S.	9002060011*	50-247
RUSSELL, L.B.	9002020122	50-317	SCHUEER, J.H.	9002150149	PR	SHETLER, J.R.	9002080331	50-312
RUSSELL, L.B.	9002020196	50-317	SCHIFFHAUER, C.	9002010170	PROJ	SHIFFER, J.D.	9002010405	50-275
RUSSELL, L.B.	9002020275	50-318	SCHMERTZ, J.C.	9002220357*	50-390	SHIFFER, J.D.	9002020035	50-275
RUSSELL, W.T.	9001290148	50-443	SCHMIDT, A.D.	9002150186	50-335	SHIFFER, J.D.	9002020040	50-275
RUSSELL, W.T.	9002020017	50-320	SCHNAARS, G.D.	9002220204	50-322	SHIFFER, J.D.	9002020082	50-275
RUSSELL, W.T.	9002020019*	50-320	SCHNEBL, G.A.	9002010246*	50-250	SHIFFER, J.D.	9002080351	50-275
RUSSELL, W.T.	9002020206	50-219	SCHNELL, D.F.	8911060223	50-483	SHIFFER, J.D.	9002090044	50-275
RUSSELL, W.T.	9002020212*	50-219	SCHNELL, D.F.	9001310505	50-483	SHIFFER, J.D.	9002090282	50-275
RUSSELL, W.T.	9002090064	50-387	SCHNELL, D.F.	9002090307	50-483	SHIFFER, J.D.	9002230145	50-275
RUSSELL, W.T.	9002090103	50-443	SCHNELL, D.F.	9002120103	50-483	SHIFFHAUER, C.M.	9002070386	PROJ
RUSSELL, W.T.	9002120084	50-423	SCHNELL, D.F.	9002230111	PR	SHIRAKI, C.	9002160225	50-354
RUSSELL, W.T.	9002140209	50-317	SCHOFIELD, J.	9002130199	PR	SHIRAKI, C.Y.	9002020295	50-354
RUSSELL, W.T.	9002220280	50-443	SCHOFIELD, J.	9002130199	PR	SHOLLY, S.C.	9001290272*	NUREG
RUTHERFORD, P.D.	9002130330	70-25	SCHOFIELD, J.	9002130198	PR	SHON, F.J.	9002080022	50-271
RUTHERFORD, P.D.	9002130367	70-25	SCHUEREN, P.	9002080080*	TOPREP	SHOWMAN, S.	9002020062	50-220

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
SHYMLLOCK,M.B.	9002070100*	50-413	SOFFER,L.	9002230197*	50-295	STOHR,J.P.	9001310096*	50-280
SIACOR,E.R.	9002230284	50-361	SOONG,S.	9002090129*	70-27	STOHR,J.P.	9002050071	50-160
SIEBER,J.D.	9002080119	50-334	SORENSEN,G.C.	9002060001	50-397	STOHR,J.P.	9002130039	50-348
SIEBER,J.D.	9002080317	50-334	SORENSEN,G.C.	9002070350	50-397	STOHR,J.P.	9002150273	50-280
SIEBER,J.D.	9002090173	50-334	SORENSEN,G.C.	9002080324	50-397	STOHR,J.P.	9002230377	50-369
SIEBER,J.D.	9002120308	50-334	SORENSEN,G.C.	9002140267	50-397	STOHR,J.P.	9002230386	70-27
SIEBER,J.D.	9002120319	50-334	SORENSEN,G.C.	9002160067	50-397	STOHR,J.P.	9002230389*	70-27
SIEBER,J.D.	9002130025	50-334	SORENSEN,G.C.	9002160139	50-397	STOLS,R.	9001290214	50-254
SIEBER,J.D.	9002150239	50-334	SORENSEN,G.C.	9002220032	PR	STOLS,R.	9002080145	50-254
SIEBER,J.D.	9002150243	50-334	SORENSEN,G.C.	9002230437	50-397	STOLS,R.	9002090087	50-254
SIEBER,J.D.	9002150250*	50-334	SOUNDERS,P.J.	9002130094	PR	STOLZ,J.F.	9002010022*	50-219
SIEGEL,B.L.	9002010063	50-237	SPANGENBERG,F.	9002230294	50-461	STOLZ,J.F.	9002080332	50-320
SIEGEL,E.A.	9002120329	NUREG	SPANGENBERG,F.	9002230524	50-461	STOLZ,J.F.	9002090068*	50-320
SILADY,J.A.	9001290239	50-265	SPANNER,J.C.	9002120167	NUREG	STOLZ,J.F.	9002120236*	50-219
SILADY,J.A.	9001300241	50-237	SPANNER,J.C.	9002120296	NUREG	STOLZ,J.F.	9002130018*	50-423
SILADY,J.A.	9001300432	50-237	SPARKS,S.	9002050408*	50-400	STOLZ,J.F.	9002130065*	50-289
SILADY,J.A.	9001131039	50-237	SPARLING,D.K.	90011310401	40-8681	STOLZ,J.F.	9002140083*	50-334
SILADY,J.A.	9002120098	50-237	SPARROW,J.	9002080295	PR	STOLZ,J.F.	9002140141*	50-412
SILADY,J.A.	9002130053	50-237	SPECHT,D.	9002130076	PR	STOLZ,J.F.	9002140220*	50-219
SILVER,H.	9002140124	50-302	SPECHT,D.	9002130076	PR	STOLZ,J.F.	9002150225	50-245
SILVERNAIL,W.L.	9002060217*	40-7102	SPECHT,D.	9002230231	PR	STOLZ,J.F.	9002160179	50-289
SILVERNAIL,W.L.	9002070245*	40-7102	SPECHT,D.	9002230231	PR	STOLZ,J.F.	9002160196*	50-219
SIMENS,H.G.	9002050002	50-228	SPECHT,R.	9002130111	PR	STONE,J.C.	8901060030*	FOIA
SIMENS,H.G.	9002090056	50-228	SPECTOR,B.S.	9002280245	FOIA	STONE,J.C.	8906020259*	FOIA
SIMONEN,F.A.	9002120167	NUREG	SPELL,W.H.	9002230168	PR	STONE,J.C.	9002010102	50-272
SIMONEN,F.A.	9002120286	NUREG	SPENCER,S.W.	9002220681	50-328	STONE,J.C.	9002060383	50-272
SIMPSON,A.K.	9002050209*	COMMISSION	SRENIAWSKI,D.	9002130359	I&E	STONE,J.C.	9002070127	50-311
SINGH,A.	9002050280*	50-267	SRENIAWSKI,D.J.	9002230089	I&E	STONE,J.C.	9002070189	50-272
SINGH,A.	9002070178*	50-285	STABLEIN,K.	9002050005*	WASTE MGT	STONE,J.C.	9002220203	50-272
SINGH,R.	9002010306	50-470	STABLEIN,K.	9002230495	WASTE MGT	STORZ,L.F.	9002090318	50-346
SINHA,U.P.	9002120329	NUREG	STANBER,R.	9002120218*	WASTE MGT	STORZ,L.F.	9002220225	50-346
SINKULE,M.V.	9002010302	50-335	STANCZAK,P.	9002010095	50-456	STOTZ,J.C.	9002090318	50-346
SINKULE,M.V.	9002130287	50-280	STANG,J.F.	9001290111	50-341	STRATFORD,R.J.	9002080024	XPORTLIC
SIPE,A.	9001300406	50-369	STANG,J.F.	9001290131	50-341	STRATFORD,R.J.	9002080128	XPORTLIC
SIPE,A.	9002140045	50-369	STANG,J.F.	9001300033	50-341	STRATFORD,R.J.	9002080130	XPORTLIC
SIPE,A.	9002230172	50-370	STANG,J.F.	9002070011	50-341	STRATFORD,R.J.	9002080136	XPORTLIC
SISCO,C.	9002070215*	50-277	STANG,J.F.	9002130291	50-341	STROSNIER,J.R.	9001300015*	50-313
SISUL,J.J.	9002080086	40-2061	STANG,J.F.	9002160014	50-341	STROSNIER,J.R.	9002060004*	50-219
SJOBLOM,G.L.	9001050219	70-25	STANG,J.F.	9002220394	50-341	STROSNIER,J.R.	9002060329*	50-272
SJOBLOM,G.L.	9001290032	70-925	STANG,J.F.	9002230467	50-341	STROSNIER,J.R.	9002060361*	50-334
SJOBLOM,G.L.	9001290076	PROJ	STANLEY,H.G.	9002060168	50-388	STROSNIER,J.R.	9002070211*	50-220
SJOBLOM,G.L.	9001300411	70-687	STANLEY,H.G.	9002220014	50-387	STROSNIER,J.R.	9002070319*	50-317
SJOBLOM,G.L.	9001300426	70-754	STARKEY,R.D.	9002150024*	50-424	STURZ,F.	9002070200	50-317
SJOBLOM,G.L.	9001310363	70-1100	STARMER,R.J.	9002130374	WASTE MGT	SUH,G.Y.	9001290090	50-277
SJOBLOM,G.L.	9001310367*	70-1100	STAUTER,J.C.	9002050207	70-925	SUH,G.Y.	9002220256	50-277
SJOBLOM,G.L.	9002010273	50-269	STAUTER,J.C.	9002230189	70-925	SULIK,R.D.	9002010032	40-8724
SJOBLOM,G.L.	9002010288*	50-269	STEARNS,C.F.	9002050410*	40-7102	SUNUNU,J.H.	9002080078*	FOIA
SJOBLOM,G.L.	9002010385*	50-269	STEARNS,C.F.	9002050422*	40-7102	SURMEIER,J.J.	9001300007	WASTE MGT
SJOBLOM,G.L.	9002070221	40-7580	STEARNS,C.F.	9002070160*	40-7102	SURPRENANT,R.H.	9002230366*	PR
SJOBLOM,G.L.	9002070240*	40-7580	STEIGER,W.E.	9002070173	50-322	SWAMY,S.A.	9002220357*	50-390
SJOBLOM,G.L.	9002070253*	40-7580	STEIGER,W.E.	9002070320	50-322	SWANSON,G.L.	8912140191	40-8681
SJOBLOM,G.L.	9002090119	70-36	STEIN,R.	9002010313	WASTE MGT	SWENSON,W.H.	9002160056	50-266
SJOBLOM,G.L.	9002090121*	70-36	STEINHARDT,C.R.	9002010364	50-305	SWETLAND,P.D.	9001310021	50-354
SJOBLOM,G.L.	9002090125*	70-36	STEINHARDT,C.R.	9002060045	50-305	SWETLAND,P.D.	9002060297	50-272
SJOBLOM,G.L.	9002090127	70-27	STEINHARDT,C.R.	9002080017	50-305	SWETLAND,P.D.	9002060366	50-352
SJOBLOM,G.L.	9002090128*	70-27	STEINHARDT,C.R.	9002080109	50-305	SWETLAND,P.D.	9002130055	50-387
SJOBLOM,G.L.	9002090157	40-8027	STEINMEYER,P.	9002220035*	CONTRACT	SYLVIA,B.D.	9002220295	50-341
SJOBLOM,G.L.	9002090161*	40-8027	STELLO,V.	9002130270*	FOIA	SYLVIA,B.R.	9002020208	50-341
SJOBLOM,G.L.	9002090163*	40-8027	STELLO,V.	9002130273*	FOIA	SYLVIA,B.R.	9002020289	50-341
SJOBLOM,G.L.	9002090164	70-143	STELLO,V.	9002130276*	FOIA	SYLVIA,B.R.	9002020294	50-341
SJOBLOM,G.L.	9002090167*	70-143	STELLO,V.	9002160140*	FOIA	SYLVIA,B.R.	9002060248	50-341
SJOBLOM,G.L.	9002090170*	70-143	STELLO,V.	9002230052*	FOIA	SYLVIA,B.R.	9002060336	50-341
SKOW,R.H.	9002070403	50-220	STEPHENSON,J.D.	9001300342	50-302	SYLVIA,B.R.	9002080193	PR
SLAULKOW,M.	9002230143	50-483	STEPHENSON,J.D.	9001300350	50-302	SYLVIA,B.R.	9002120307	50-341
SLY,C.D.	9002020275	50-318	STERLING,E.C.	9002080252	PR	SYPE,T.T.	9002120309	NUREG
SMALL,P.	9002130263	FOIA	STERRETT,C.R.	9002120333*	50-395	TALWANI,P.	9001310462*	50-395
SMITH,C.N.	9001290213	XPORTLIC	STETKA,T.F.	9002050290*	50-267	TAM,P.S.	9002020174	50-334
SMITH,C.N.	9001290324	XPORTLIC	STETKA,T.F.	9002070178*	50-285	TAM,P.S.	9002020177	50-412
SMITH,C.N.	9001310061	XPORTLIC	STETKA,T.F.	9002130279*	50-285	TAM,P.S.	9002020251	50-334
SMITH,D.M.	9001300202	50-278	STETZ,J.P.	9002140270	50-245	TAM,P.S.	9002130193	50-334
SMITH,D.M.	9001310028	50-277	STETZ,J.P.	9002140270	50-245	TAM,P.S.	9002140069	50-334
SMITH,D.M.	9002050286	50-277	STEWART,W.L.	9001290001	50-280	TAM,P.S.	9002140138	50-412
SMITH,D.M.	9002080222	50-277	STEWART,W.L.	9001290054	50-338	TANA,E.T.	9002010429	WASTE MGT
SMITH,E.H.	9002090003	50-265	STEWART,W.L.	9001300076	50-280	TANA,E.T.	9002160101	WASTE MGT
SMITH,H.	9002230175	50-295	STEWART,W.L.	9001300323	50-280	TANZER,S.	9002080238	PR
SMITH,J.F.	9001310251*	50-341	STEWART,W.L.	9001310288	50-280	TATUM,J.E.	9002160107	50-206
SMITH,J.F.	9002230434*	50-346	STEWART,W.L.	90021310385	50-280	TATUM,J.E.	9002230079	50-206
SMITH,L.	9002120301	71-9032	STEWART,W.L.	9002070306	50-280	TAYLOR,J.H.	9002080148	PR
SMITH,P.A.	9002020219	CONTRACT	STEWART,W.L.	9002080186	50-338	TAYLOR,J.H.	9002130360	TOPREP
SMITH,R.H.	9002070030	71-89	STEWART,W.L.	9002080201	50-280	TAYLOR,J.H.	9002160086	TOPREP
SMITH,S.	9002220218	50-286	STEWART,W.L.	9002080206	50-280	TAYLOR,J.M.	8905250278*	FOIA
SMYTH,C.W.	9002220467	50-289	STEWART,W.L.	9002140269	50-338	TAYLOR,J.M.	8908090106	SECY
SNELL,W.	9001300256*	50-454	STEWART,W.L.	9002230083	PR	TAYLOR,J.M.	8911140324	SECY
SNELL,W.	9002080095*	50-483	STILLER,M.A.	9002070155	50-483	TAYLOR,J.M.	8912050015	SECY
SNELL,W.	9002090002*	50-237	STILTENPOLE,B.	9002070453	WASTE MGT	TAYLOR,J.M.	9001030318	SECY
SNELL,W.	9002130267*	50-440	STLAURENT,N.N.	9002130122*	50-29	TAYLOR,J.M.	9001040195	SECY
SNIEZEK,J.H.	8901310248*	FOIA	STOBBS,J.J.	9001310441	71-9225	TAYLOR,J.M.	9001240321	SECY
SNOW,M.	9002150012	50-454	STOHR,J.P.	9001310092	50-280	TAYLOR,J.M.	9001240322	SECY

## 236 PERSONAL AUTHOR INDEX

AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
TAYLOR,J.M.	9001290027	50-250 H	TRAMMELL,C.M.	9002130207	50-312 P	VARGA,S.A.	8807270224*	FOIA
TAYLOR,J.M.	9001290182	SECY	TRAMMELL,C.M.	9002140066*	50-529 P	VARGA,S.A.	8901110379*	FOIA
TAYLOR,J.M.	9001290254	SECY	TRAMMELL,C.M.	9002220588*	50-528 P	VARGA,S.A.	9002060061	50-395
TAYLOR,J.M.	9001290264	SECY	TRAPP,J.	9002080081*	WASTE MGT	VARGA,S.A.	9002230036*	50-219
TAYLOR,J.M.	9001290269	SECY	TREMBLAY,L.A.	9002120161	50-271 P	VAUGHN,G.E.	9001300227	50-498
TAYLOR,J.M.	9001300097	50-250 H	TREVORS,G.A.	9001290043	50-298 Q	VAUGHN,G.E.	9001310218	50-498
TAYLOR,J.M.	9002050041	ORG	TREVORS,G.A.	9001290050	50-298 J	VAUGHN,G.E.	9002010115	50-498
TAYLOR,J.M.	9002080009*	WASTE MGT	TREVORS,G.A.	9001300274	50-298 J	VAUGHN,G.E.	9002010178	50-498
TAYLOR,J.M.	9002120171	ACRS	TREVORS,G.A.	9001310037	50-298 J	VAUGHN,G.E.	9002020263	50-498
TAYLOR,J.M.	9002130198	50-220 H	TREVORS,G.A.	9002080176	50-298 F	VAUGHN,G.E.	9002080124	50-498
TAYLOR,J.M.	9002140174	50-445 Q	TREVORS,G.A.	9002220337	50-298 P	VAUGHN,G.E.	9002090004	50-498
TAYLOR,J.M.	9002150254	50-443 P	TREVORS,G.A.	9002230490	50-298 Q	VAUGHN,G.E.	9002120111	50-498
TAYLOR,J.M.	9002230187*	50-295 P	TROSKOSKI,W.	9001310123	50-445 Q	VAUGHN,G.E.	9002130184	50-498
TAYLOR,J.M.	9002230190*	50-295 P	TROSKOSKI,W.	9002070049	50-295 Q	VAUGHN,G.E.	9002140052	50-498
TAYLOR,J.M.	9002230198*	50-295 P	TROTTER,E.	9001310210	TOPREP	VAUGHN,G.E.	9002230025	50-498
TAYLOR,J.M.	9002230458	50-322 H	TROUT,J.P.	9002010061	50-443 G	VAUGHN,G.E.	9002230059	50-499
TAYLOR,L.A.	9001300377	50-313 S	TROUT,J.P.	9002010061	50-443 G	VAUGHN,H.E.	9002220573	50-395
TAYLOR,L.A.	9002050168	50-313 S	TROUT,J.P.	9002080036	50-443 G	VAUGHN,J.W.	9002020015*	XPORTLIC
TAYLOR,L.A.	9002060382	50-313 S	TROUT,J.P.	9002080036	50-443 G	VELASQUEZ,J.R.	9001310100	40-8907
TAYLOR,L.A.	9002120094	50-313 S	TROUT,J.P.	9002080090	50-443 G	VELASQUEZ,J.R.	9002120195	40-8907
TAYLOR,L.A.	9002150011	50-313 S	TROUT,J.P.	9002080090	50-443 G	VELASQUEZ,J.R.	9002120318	70-820
TAYLOR,T.E.	9002020127	50-456 P	TROUT,J.P.	9002220294	50-443 G	VERKLER,R.A.	9002280053	40-2061
TAYLOR,T.T.	9002120167	NUREG	TROUT,J.P.	9002220294	50-443 G	VERNETSON,W.G.	9002140036	50-83
TAYLOR,T.T.	9002120296	NUREG	TROUT,J.P.	9002280049	50-443 G	VERRELLI,D.M.	9001310003	50-395
TEAGUE,J.E.	9002120066	50-280 S	TROUT,J.P.	9002280049	50-443 G	VERRELLI,D.M.	9002090019	50-400
TEDROW,J.	9002150260*	50-400 Q	TUCKER,H.B.	9001290152	50-369 P	VERRELLI,D.M.	9002130285	50-348
TEDROW,J.	9002230125*	50-400 Q	TUCKER,H.B.	9001290778	50-369 P	VERRELLI,D.M.	9002130356	50-416
TEER,B.F.	9002080319	PR	TUCKER,H.B.	9001300173	50-269 R	VERRELLI,D.M.	9002130357*	50-416
TENNYSON,M.	9002230180	50-374 S	TUCKER,H.B.	9001300212	50-369 R	VERRELLI,D.M.	9002150255	50-400
TERC,N.M.	9002080213*	50-458 Q	TUCKER,H.B.	9001300327	50-413 R	VERRELLI,D.M.	9002150258*	50-400
TEREK,E.	9002120303*	50-455 P	TUCKER,H.B.	9001310093	50-269 P	VERRELLI,D.M.	9002160082	50-416
TERRY,C.D.	9002010018	50-220 Q	TUCKER,H.B.	9001310152	50-413 Q	VERRELLI,D.M.	9002230455	50-416
TERRY,C.D.	9002080121	50-410 P	TUCKER,H.B.	9001310209	50-369 P	VERRELLI,D.M.	9002230459	50-261
TERRY,C.D.	9002090179	50-220 P	TUCKER,H.B.	9001310256	50-269 P	VERRELLI,D.M.	9002230466	50-395
TERRY,C.D.	9002230128	50-220 P	TUCKER,H.B.	9002010058	50-269 P	VICKREY,R.B.	9002140037*	50-482
TERRY,C.D.	9002230155	50-220 P	TUCKER,H.B.	9002010169	50-413 F	VINCIGUERRA,E.	9002050365*	40-7102
THADANI,A.	9002130274*	FOIA	TUCKER,H.B.	9002020199	50-413 P	VINCIGUERRA,E.	9002050373*	40-7102
THADANI,A.C.	9002120159	50-369 P	TUCKER,H.B.	9002020203	50-369 P	VINCIGUERRA,E.	9002070290*	40-7102
THADANI,M.C.	9002070237	50-387 S	TUCKER,H.B.	9002050362	50-369 P	VINYARD,H.T.	9002230185	50-374
THADANI,M.C.	9002120242	50-387 S	TUCKER,H.B.	9002060038	50-269 P	VISSING,G.S.	9002160063	50-336
THIELKE,P.	9002150330	PR	TUCKER,H.B.	9002060150	50-269 F	VOGLER,B.H.	9002220621	50-445
THIELKE,P.	9002150330	PR	TUCKER,H.B.	9002060243	50-269 F	VOGLER,B.H.	9002230007	50-445
THOMA,J.O.	9001300036*	50-341 P	TUCKER,H.B.	9002070144	50-269 P	VOSS,K.	9002120036	50-285
THOMA,J.O.	9002090143	50-282 P	TUCKER,H.B.	9002070222	50-414 P	VOTH,M.H.	9002220283	50-5
THOMA,J.O.	9002160016*	50-341 P	TUCKER,H.B.	9002080127	50-269 Q	WAGNER,P.	9002130279*	50-285
THOMA,J.O.	9002230472*	50-341 P	TUCKER,H.B.	9002080198	50-413 P	WALKER,H.A.	9001310251*	50-341
THOMAS,B.E.	9002010042	WASTE MGT	TUCKER,H.B.	9002080200	PR	WALKER,R.D.	9002070016	50-445
THOMAS,D.	9002150142	PR	TUCKER,H.B.	9002080234	50-413 Q	WALKER,R.D.	9002070017	50-445
THOMAS,J.	9002150001	50-295 R	TUCKER,H.B.	9002090048	50-269 P	WALKER,T.	9002060378*	50-220
THOMPSON,D.	9001310392*	50-321 Q	TUCKER,H.B.	9002120009	50-369 P	WALLACE,D.W.	9002080092	70-25
THOMPSON,E.	9002150188	PR	TUCKER,H.B.	9002120254	50-269 Q	WALLACE,W.H.	9002010327	50-275
THOMPSON,H.L.	9002060052	50-445 R	TUCKER,H.B.	9002120270	50-269 P	WALLACE,W.H.	9002010328*	50-275
THOMPSON,H.L.	9002150131	50-382 Q	TUCKER,H.B.	9002120298	50-269 P	WALLIN,G.A.	9002150141	50-271
THOMPSON,H.L.	9002150133*	50-382 Q	TUCKER,H.B.	9002120365	50-369 P	WALLS,C.S.	9002120113*	50-255
THOMPSON,H.L.	9002220664	50-445 Q	TUCKER,H.B.	9002130143	50-369 Q	WALLS,H.	9002230339	71-693
THOMPSON,J.E.	9002220246	50-298 R	TUCKER,H.B.	9002140192	50-369 P	WALSH,J.T.	9002130204*	50-220
TIEN,C.L.	9001310494*	50-326 Q	TUCKER,H.B.	9002140198	50-269 P	WAMBACH,T.V.	9001290162	50-346
TILLMAN,A.	9002130192*	70-143 Q	TUCKER,H.B.	9002140222	50-369 P	WAMBACH,T.V.	9002010041	50-346
TIMMARAJU,S.	9001300131*	50-498 Q	TUCKER,H.B.	9002150275	50-413 F	WAMBACH,T.V.	9002010382	50-346
TIMMARAJU,S.	9001300148*	50-498 P	TUCKER,H.B.	9002150278	50-413 F	WAMBACH,T.V.	9002020169	50-346
TIPPS,S.B.	9001300439	50-321 S	TUCKER,H.B.	9002150282	50-269 Q	WAMBACH,T.V.	9002020185	50-346
TIPPS,S.B.	9002160009	50-366 S	TUCKER,H.B.	9002220069	50-369 F	WAMBACH,T.V.	9002130197	50-346
TOAL,C.	9002150269	PR	TUCKER,H.B.	9002220322	50-269 P	WAMBACH,T.V.	9002140026	50-346
TOKAR,M.	9001300010	27-48 P	TUCKER,H.B.	9002220332	50-413 P	WAMBACH,T.V.	9002160004	50-346
TOKAR,M.	9001300011*	27-48 P	TUCKER,H.B.	9002220362	50-413 Q	WAMBACH,T.V.	9002160071	50-346
TOMPKINS,B.A.	9002080077	50-443 G	TUCKER,H.B.	9002230182	50-269 Q	WAMBACH,T.V.	9002160191	50-346
TOMPKINS,B.A.	9002150164	50-250 G	TUCKER,H.B.	9002230520	50-414 P	WAMBACH,T.V.	9002220277	50-346
TOMPKINS,B.A.	9002150223	50-443 G	TUCKER,H.B.	9002230543	50-269 Q	WANG,A.B.	9001290084	50-213
TOMPKINS,B.A.	9002280045	50-443 G	TUCKER,H.B.	9002280204	50-269 R	WANG,A.B.	9002020057	50-213
TOOHEY,R.E.	9002160031*	40-2061	TURCOTTE,R.L.	9002160164	50-131 R	WANG,A.B.	9002020099	50-213
TOTH,A.	9002270189*	50-397 Q	TURK,S.E.	9002160220	50-443 G	WANGLER,M.E.	9002220200	71-3011
TOTH,A.D.	9002270186*	50-397 P	TWINING,B.G.	9002050084	WASTE MGT	WANGLER,M.E.	9002220667	71-3010
TOURIGNY,E.G.	9001300382*	50-261 P	TYLER,R.W.	9002130075	PR	WARE,A.G.	9002120329	NUREG
TOURIGNY,E.G.	9002080341	50-324 P	UDALL,M.K.	9002020052*	COMMISSION	WARNICK,R.F.	9002010110	50-445
TOURIGNY,E.G.	9002080344*	50-324 P	UDY,A.C.	8911160269*	50-213 P	WARNICK,R.F.	9002060060*	50-445
TOURIGNY,E.G.	9002130332*	50-324 P	UDY,A.C.	9001050122*	50-295 P	WARNICK,R.F.	9002060062*	50-445
TOURIGNY,E.G.	9002220022*	50-261 P	ULLRICH,B.	9001310353*	40-1852	WARNICK,R.F.	9002060066*	50-445
TOWNSEND,J.D.	9002080210	50-275 R	UMBEL,D.	9002120078	CONTRACT	WARNICK,R.F.	9002060090*	50-445
TOWNSEND,J.D.	9002220474	50-275 R	UMBEL,D.	9001290116	CONTRACT	WARNICK,R.F.	9002080241	50-445
TRACY,H.T.	9002080028	50-275 P	UNNERSTALL,K.	9002230006	FOIA	WARNICK,R.F.	9002120334	50-445
TRAFICANTE,J.	9002010105	50-443 G	USIA,A.	9002020122	50-317 F	WARNICK,R.F.	9002220037	50-445
TRAFICANTE,J.	9002080137	50-443 G	USIA,A.	9002020196	50-317 F	WASHINGTON,S.L.	9002130069	50-397
TRAFICANTE,J.	9002120361	50-443 G	UTT,R.L.	9002160034*	40-2061	WATERMAN,C.R.	9002060296	70-1100
TRAFICANTE,J.	9002130041	50-443 G	VALENTI,P.J.	9002010344	PROJ	WATSON,L.J.	9002150291*	50-327
TRAFICANTE,J.	9002150037	50-443 G	VALENTI,P.J.	9002010348*	PROJ	WEBB,T.J.	9002150013	50-305
TRAFICANTE,J.	9002220018	50-443 G	VALLI,P.C.	9002140048	QA999	WEEKS,J.W.	9002230296	50-389
TRAMMELL,C.M.	9001290112	50-206 H	VAN TUYLE,G.J.	9002120129	NUREG	WEGNER,M.	9002150312*	ORG
TRAMMELL,C.M.	9001300398*	50-361 P	VANDEPUTTE,M.	9002120272	50-341 F	WEGNER,M.S.	9002150308	ORG



AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR	ACCESSION NUMBER	SUBJECT CATEGORY
WEIN,L	9002020265*	FOIA	WIESEMANN,R.A.	9002090078*	TOPREP	WITHERS,B.D.	9002220736	50-482 Q
WEIN,L	9002020266*	FOIA	WIGGINS,E.J.	9001290121*	CONTRACT	WITT,F.J.	9002220357*	50-390 A
WEIN,L	9002020271*	FOIA	WIGGINS,E.J.	9001290127*	CONTRACT	WOHL,M.L.	9002090221	50-206 P
WEIN,L	9002020277*	FOIA	WIGGINS,E.J.	9001290132*	CONTRACT	WOMACK,L.F.	9002220106	50-275 F
WEIN,L	9002020279*	FOIA	WIGGINS,E.J.	9001290137	CONTRACT	WOMACK,L.F.	9002220133	50-275 F
WEIN,L	9002020280*	FOIA	WIGGINS,E.J.	9002020156*	CONTRACT	WOMACK,L.F.	9002220149	50-275 P
WEIN,L	9002020282*	FOIA	WIGGINS,E.J.	9002020160*	CONTRACT	WOMACK,L.F.	9002220157	50-275 P
WEIN,L	9002020283*	FOIA	WIGGINS,E.J.	9002020164*	CONTRACT	WOMACK,L.F.	9002220166	50-275 P
WEIN,L	9002020284*	FOIA	WIGGINS,E.J.	9002020227*	CONTRACT	WOMACK,L.F.	9002220174	50-275 P
WEIN,L	9002020286*	FOIA	WIGGINS,E.J.	9002120081*	CONTRACT	WONG,H.	900220027*	50-312 Q
WEIN,L	9002020290*	FOIA	WIGGINS,E.J.	9002130081*	CONTRACT	WONG,H.	9002140011*	50-528 Q
WEIN,L	9002020292*	FOIA	WIGGINS,E.J.	9002130085*	CONTRACT	WONG,H.J.	9002230040*	FOIA
WEIN,L	9002020293*	FOIA	WILBORN,L.	9002140261*	50-458 Q	WONG,H.J.	9002230057*	FOIA
WEIN,L	9002020298*	FOIA	WILLIAM,E.	9002090300*	50-324 Y	WOOD,K.	9002150269	PR
WEIN,L	9002020300*	FOIA	WILLIAMS,C.C.	9002220312*	50-445 Q	WOODARD,C.	9002070259*	50-387 Q
WEIN,L	9002020301*	FOIA	WILLIAMS,J.C.	9002150003	50-424 R	WOODHEAD,C.P.	9002080032	70-25
WEIN,L	9002020306*	FOIA	WILLIAMS,M.C.	9002010147*	70-27	WOODLAN,D.R.	9002120233	50-445 A
WEIN,L	9002020311*	FOIA	WILLIAMS,M.G.	9002230308	50-482 R	WOODRUFF,R.L.	9001300175	I&E
WEIN,L	9002020313*	FOIA	WILLIAMS,P.M.	9002070479	PROJ	WOODRUFF,R.L.	9001300206	I&E
WEINKLE,A.	9002080147*	50-250 G	WILLIAMS,P.M.	9002130100	PROJ	WRIGHT,B.L.	9002070126	XPORTLIC
WEISS,D.	9002020314	50-311 P	WILLIAMS,R.A.	9001300174*	50-269 R	WRIGHT,B.L.	9002070134	XPORTLIC
WEISS,D.	9002140062	50-317 P	WILLIAMS,R.A.	9001300176*	50-269 R	WRIGHT,E.G.	9002070224*	40-7102
WEISS,G.E.	9001310124	71-691	WILLIAMS,R.A.	9001300239*	50-369 R	WRIGHT,G.C.	9001310131	50-341 V
WEISS,G.E.	9001310158*	71-691	WILLIAMS,R.A.	9001300371*	50-413 R	WRIGHT,G.C.	9001310085	50-266 V
WEISS,G.E.	9001310159*	71-691	WILLIAMS,R.A.	9002230262*	50-269 R	WRIGHT,G.C.	9002010171*	50-295 Q
WEISS,S.H.	9002010182*	50-27 P	WILLIS,J.L.	9001300190	50-410 S	WRIGHT,G.C.	9002050061	50-346 P
WEISS,S.H.	9002060218*	50-267 P	WILLIS,J.L.	9001310034	50-220 R	WRIGHT,G.C.	9002050174	50-346 V
WEISS,S.H.	9002160083*	50-602 A	WILLIS,J.L.	9002060309	50-220 S	WRIGHT,G.C.	9002080375	50-461 V
WELCH,J.	9002090035	50-237 S	WILLIS,J.L.	9002060396	50-410 R	WRIGHT,G.C.	9002160037	50-461 V
WELDON,G.E.	9002050151*	COMMISSION	WILLIS,J.L.	9002070108	50-410 S	WRIGHT,G.C.	9002220170	50-10 P
WELLS,A.H.	9002010356	71-9183	WILLIS,J.L.	9002070403	50-220 S	WRIGHT,G.C.	9002220260	50-454 V
WELLS,A.H.	9002090081	71-9010	WILLMON,J.R.	9002120363	WASTE MGT	WRIGHT,G.C.	9002220278	40-7102 V
WENSLAWSKI,F.	9002070449*	50-344 Q	WILSON,B.A.	9002020248	50-327 Q	WU,S.L.	9002080004	TOPREP
WENSLAWSKI,F.A.	9002160088*	50-113 Q	WILSON,B.A.	9001290022	50-327 F	YACHIMIAK,E.	9001310029*	50-443 V
WENZINGER,E.	9001310103	50-219 Q	WILSON,B.A.	9001300142	50-259 Q	YANDELL,L.A.	9002010139	40-8027
WENZINGER,E.C.	9001300293	50-245 Q	WILSON,B.A.	9001300146*	50-259 Q	YIN,I.T.	9001310251*	50-341 Q
WENZINGER,E.C.	9001310007	50-213 Q	WILSON,B.A.	9001300151*	50-259 Q	YORK,J.W.	9002130323*	50-280 Q
WENZINGER,E.C.	9002010369	50-289 Q	WILSON,B.A.	9001300164	50-259 Q	YORK,J.W.	9002130349*	50-280 Q
WENZINGER,E.C.	9002130063	50-320 Q	WILSON,B.A.	9001300438	50-259 Q	YOUNG,F.I.	9002130077*	50-320 Q
WERRY,E.V.	9002120341	NUREG	WILSON,B.A.	9002010248	50-327 Q	YOUNG,J.D.	9002060082*	CONTRACT
WESSMAN,R.H.	9002050244*	50-29 P	WILSON,B.A.	9002020242	50-327 Q	YOUNG,M.A.	9002080064	50-443 G
WESSMAN,R.H.	9002060240*	50-271 P	WILSON,B.A.	9002050075	50-390 Q	YOUNG,M.A.	9002080098	50-443 G
WESSMAN,R.H.	9002130006*	50-271 P	WILSON,B.A.	9002070059	50-259 F	YOUNG,M.A.	9002120347	50-443 G
WESSMAN,R.H.	9002230167*	50-293 P	WILSON,B.A.	9002070059	50-259 F	YOUNG,M.A.	9002220008	50-443 G
WHALEN,R.	9002230211	50-237 S	WILSON,B.A.	9002070425	50-259 Q	YOUNG,M.A.	9002220017*	50-443 G
WHALEY,P.M.	9002140036	50-83 R	WILSON,B.A.	9002070429*	50-259 Q	YOUNG,S.	9002150129	50-219 S
WHARTON,L.R.	8904280054*	FOIA	WILSON,B.A.	9002130223	50-259 Q	YOUNG,W.H.	9002070231	PROJ
WHEELER,J.T.	9001290137	CONTRACT	WILSON,B.A.	9002130331	50-260 V	YUAN,Y.	9002010158*	40-2061 P
WHEELER,J.T.	9002020156*	CONTRACT	WILSON,B.A.	9002130351	50-259 Q	YUAN,C.Y.	9001220107*	50-395
WHEELER,T.A.	9002120309	NUREG	WILSON,B.A.	9002140151	50-259 Q	YUAN,Y.	9002010158*	40-2061 P
WHELAN,M.D.	9002150045	50-275 G	WILSON,B.A.	9002150015	50-438 Q	YUHAS,G.P.	9001310491	50-326 Q
WHITE,D.	9002060242*	40-7102 Q	WILSON,B.A.	9002150288	50-327 Q	YUHAS,G.P.	9002010389	50-206 Q
WHITE,D.	9002060255*	40-7102 Q	WILSON,B.A.	9002150289*	50-327 Q	YUHAS,G.P.	9002060026	50-344 Q
WHITE,D.	9002060259*	40-7102 Q	WILSON,B.A.	9002230124	50-327 F	YUHAS,G.P.	9002150009	50-397 Q
WHITE,J.R.	8801120082*	FOIA	WILSON,J.F.	9002010320*	CONTRACT	YUHAS,G.P.	9002150010*	50-397 Q
WHITE,N.J.	9002220115	WASTE MGT	WILSON,R.E.	9002010225	70-687	YUHAS,G.P.	9002160085	50-113 Q
WHITE,P.	9002220668	50-272 R	WILSON,R.E.	9002090169*	70-143 P	YUNDT,C.P.	9001310357	50-344 S
WHITTIER,G.D.	9001300172	50-309 Q	WILSON,W.E.	9001310235	50-27 P	YUNDT,C.P.	9002070346	50-344 S
WHITTIER,G.D.	9001310165	50-309 S	WINSLOW,T.P.	9001310471	71-9019 PR	YUNDT,C.P.	90020120134	50-344 S
WHITTIER,G.D.	9002220319	50-309 F	WINSLOW,T.P.	9002010012	70-1113	YUNDT,C.P.	9002220699	50-344 S
WICHES,D.L.	9001290133	40-8502	WINSLOW,T.P.	9002090214	70-1113	ZECH,G.G.	9002220715	50-344 S
WICHES,D.L.	9002010046	40-8502	WINSLOW,T.P.	9002090217*	70-1113	ZECH,L.W.	9002230037	50-344 Q
WICHES,D.L.	9002010062	40-8502	WINSLOW,T.P.	9002090218*	70-1113	ZECH,L.W.	8805190270*	50-277 Q
WICHES,D.L.	9002010066	40-8502	WINSLOW,T.P.	9002090219*	70-1113	ZECH,L.W.	9002160142*	FOIA
WIDAY,J.A.	9002220031	50-244 F	WINSLOW,T.P.	9002140167	70-1113	ZECH,L.W.	9002160143*	FOIA
WIDELL,R.C.	9002230096	PR	WINTER,C.	9001310313	50-295 S	ZECH,L.W.	9002160144*	FOIA
WIEBE,J.	9002220033	50-445 S	WISHAM,C.L.	9002130240	70-734	ZEILER,J.	9002160153*	50-302 Q
WIENS,L.A.	9002060174	50-269 P	WISHAM,C.L.	9002130243	70-734	ZIMMERMAN,R.	9002140006	50-528 Q
WIENS,L.A.	9002120258	50-269 P	WISHAM,C.L.	9002130247	70-734	ZIMMERMAN,R.	9002140010*	50-528 Q
WIENS,L.A.	9002130031	50-269 P	WITHERS,B.D.	9002020210	50-482 Q	ZIMMERMAN,R.P.	9001300389	50-275 Q
WIESEMANN,R.A.	9002020291*	50-247 Q	WITHERS,B.D.	9002140175	50-482 F	ZINKE,G.A.	9002220367	50-416 P
WIESEMANN,R.A.	9002080357*	50-275 Q	WITHERS,B.D.	9002220184	50-482 P	ZWOLINSKI,J.A.	9002020189*	50-346 P
						ZWOLINSKI,J.A.	9002070201*	50-440 P
						ZWOLINSKI,J.A.	9002130352	50-483 P
						ZWOLINSKI,J.A.	9002230491	50-312 Q



# CORPORATE SOURCE INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-232 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS.

These categories are defined in Appendix B and listed in the Contents. An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
ALWR Utility Steering Committee ASEA Brown Boveri, Inc.	9001300200 9001300096 9002010224 9002050004 9002060263	PROJ 50-470 TOPREP TOPREP TOPREP		9002080142 9002120158 9002120160 9002120163 9002120182	50-530 50-528 50-530 50-530 50-528
AT&T Information Systems Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) Aerotest Operations, Inc.	9002060267* 9002080270* 9002010024 9002050002	TOPREP CONTRACT PR 50-228		9002150017 9002150029 9002150093 9002150106 9002150126	50-530 50-530 50-528 50-528 50-528
Agriculture, Dept. of, Graduate School, Washington, DC Air Transport Association	9002090056 9002220315* 9002130144 9002130152*	50-228 CONTRACT PR PR		9002150138 9002150145 9002150145 9002150145 9002150150	50-528 50-528 50-528 50-528 50-528
Alabama Power Co.	9001290060 9001300471 9001310010 9002010190 9002060162	50-348 50-348 50-364 50-348 50-348		9002150150 9002150150 9002150184 9002150184 9002150184	50-528 50-528 50-528 50-528 50-528
	9002080156 9002120271 9002120293 9002130061 9002130308	50-348 50-348 50-364 PR 50-348		9002150195 9002160199 9002220137 9002220137 9002220137	50-528 50-530 50-528 50-528 50-528
	9002150154 9002230139 9002080194 9002150269 9002150269	50-348 50-348 PR PR PR		9002220245 9002220226 9002220735 9002220735 9002230126	50-528 50-528 50-528 50-528 PR
Alabama, State of Alaska Center for the Environment Alaska Health Project	9002220053 9002080068* 9002090102 9002090200 9002080212	PR 50-443 40-3392 40-3392 PR	Arizona, State of Arizona, Univ. of, Tucson, AZ	9002230255 9001310170* 9001290137 9002020156* 9002050003	50-528 CONTRACT CONTRACT CONTRACT 50-113
Alaska, State of Alden Research Laboratory Allied-Signal Corp.	9002080315 9002060091* 9002080136* 9002050261 9002130325	PR COMMISSIO COMMISSIO 71-9160 71-9128		9002130085* 9002130147 9001240148 9001300166 9001300377	CONTRACT 50-113 50-368 50-313 50-313
American Airlines, Inc.	9002080315 9002060091* 9002080136* 9002050261 9002130325	PR COMMISSIO COMMISSIO 71-9160 71-9128		9001300378 9001310009 9002010120 9002010179 9002020037	50-313 50-368 50-313 50-313 50-313
American College of Nuclear Physicians Amersham Corp.	9002080315 9002060091* 9002080136* 9002050261 9002130325	PR COMMISSIO COMMISSIO 71-9160 71-9128	Arkansas Power & Light Co.	9002050168 9002050293 9002050304 9002060010* 9002060382	50-313 50-313 50-313 50-368 50-313
Amesbury, MA Applied Health Physics, Inc.	9002010031 9002060419* 9002070053* 9002080040* 9002010148*	50-443 40-7397 40-7397 50-443 40-2061		9002080135 9002080162 9002080185 9002080185 9002080242	50-313 50-368 50-313 50-313 50-313
Arbitron Co. Argonne National Laboratory	9002150388* 9002160031* 9001290244 9001300258 9002020236 9002020245 9002050211 9002050369 9002050425*	40-2061 40-2061 50-530 50-528 50-528 50-528 50-528 50-528 50-528		9002080242 9002120094 9002120252 9002120297 9002120297	50-313 50-313 50-368 50-313 50-313
Arizona Public Service Co. (formerly Arizona Nuclear Power Project)	9002060122 9002060122 9002060122 9002060145 9002060145 9002060145 9002080011 9002080011 9002080011 9002080011 9002080060 9002080060 9002080060 9002080133	50-528 50-528 50-528 50-528 50-528 50-528 50-528 50-528 50-528 50-528 50-528 50-528 50-528		9002120302* 9002120304* 9002120308* 9002120308* 9002120317 9002120317 9002120327 9002150011	50-313 50-313 50-313 50-313 50-313 50-313 50-313 50-313

## 240 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY		AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	
Arkansas Tech Univ., Russellville, AR	9002230045	50-368	P	Boston Edison Co.	9002010312	50-293	Q
	9002020166	50-606	A		9002070179	50-293	R
Arkansas, State of	9002120043	50-606			9002230061	PR	
	9002080205*	CONTRACT		Brand Examination Services & Testing Co.	9002070193*	CONTRACT	
	9002080217	PR		Brookhaven National Laboratory	8911140137*	50-322	Q
Army, Dept. of	9002150284*	FOIA			9001290311*	50-275	P
Associated Press	9002070034	FOIA			9001290314*	50-275	P
	9002260080	FOIA			9002120129	NUREG	
Astrotech, Inc.	9002050251	71-260			9002120269	NUREG	
	9002050256*	71-260			9002130214*	FOIA	
Atlas Corp.	9002010300	40-3453		Brucce, M., MD	8911020054	PRM	
	9002010308	40-3453		Burco Systems Development	9002050094*	CONTRACT	
Automatic Valve Corp.	9002220371	50-3	S	Burditt, Bowles & Radzius, Chartered	9002150315	FOIA	
B&W Fuel Co.	9002220746*	50-346	P	(formerly Burditt, Bowles, Radzius & CIO-Union Europeenne, International et	9002010228	40-2259	
	9002220747*	50-346	P				
BCP Technical Services, Inc.	9002150081*	50-366	P	Cie	9001310153*	CONTRACT	
BW/IP International, Inc. (formerly Byro	9002140048	QA999		California, State of	9001310494*	50-326	Q
Jackson Pump Division)	9001300284*	50-302	P	California, Univ. of, Los Angeles, CA	9002060075*	COMMISSIO	N
BWR Owners Group	9002080263	PR		Canonie Environmental Services, Inc.	9001310108*	40-8907	
				(subs. of Canonie, Inc.)			
Babcock & Wilcox Co.	9001300068	70-27			9001310138*	40-8907	
	9002080148	PR		Cap Rock Electric Cooperative, Inc.	9002220610	50-445	M
	9002120143	NUREG		Carolina Power & Light Co.	8906020393	50-324	P
	9002120323	71-79			9001290138	50-261	Q
	9002120326*	71-79					
	9002120369	70-27			9001300154	50-261	Q
	9002130186*	CONTRACT			9001300154	50-261	Q
	9002130312	70-27			9001310368	50-325	S
	9002130326	70-27			9001310375	50-324	S
	9002130360	TOPREP			9002020031	50-400	S
	9002160086	TOPREP			9002020186	50-261	F
	9002220219	71-5341			9002020216	50-400	P
Babcock & Wilcox Operating Plants Owners	9001300278	50-302	P		9002020276*	50-400	P
Group					9002050034	50-324	P
Backus, Meyer & Solomon	9002010065	50-443	G		9002050057	50-400	P
	9002010142	50-443	G		9002050064*	50-400	P
	9002010142	50-443	G		9002050121	50-324	Q
	9002010149*	50-443	G		9002050121	50-324	Q
	9002010149*	50-443	G		9002050420	50-324	P
	9002080120	50-443	G		9002050420	50-324	P
	9002120356	50-443	G		9002070195	50-324	Y
	9002120360*	50-443	G		9002080020	50-261	Q
	9002120361	50-443	G		9002080023	50-400	Q
	9002150037	50-443	G		9002080027	50-400	Q
	9002150123	50-443	G		9002080031	50-261	P
	9002150128*	50-443	G		9002080031	50-261	P
	9002220018	50-443	G		9002080031	50-261	P
	9002220093	50-443	G		9002080031	50-261	P
Baker Testing Services, Inc.	9002280068	50-443	G		9002080031	50-261	P
	9002230209	PR			9002080146	50-261	P
Baltimore Gas & Electric Co.	9001300183	50-317	S		9002080244	50-325	S
	9002010284	50-317	P		9002090284	50-324	Y
	9002020122	50-317	F		9002090284	50-324	Y
	9002020122	50-317	F		9002090284	50-324	Y
	9002020190	50-317	F		9002090287*	50-324	Y
	9002020190	50-317	F		9002090300*	50-324	Y
	9002020196	50-317	F		9002120084	50-324	F
	9002020196	50-317	F		9002120336	50-400	Q
	9002020275	50-318	S		9002130035	50-400	S
	9002050007	50-317	P		9002130045	50-400	S
	9002050008	50-317	F		9002140200	50-324	Q
	9002070116	50-317	P		9002140201	50-261	P
	9002070116	50-317	P		9002140240	50-324	P
	9002080116	50-317	P		9002140247	50-400	P
	9002080116	50-317	P		9002140248*	50-400	P
	9002080122	50-317	P		9002150092	50-324	P
	9002090036	50-317	F		9002150379	PR	
	9002120083	50-317	P		9002220081	50-261	P
	9002140135	50-317	S		9002220099	50-261	S
	9002160170	50-317	S		9002220108*	50-261	P
	9002220558	50-317	Q		9002220119*	50-324	P
	9002230241	50-317	P		9002220126	50-261	S
Battelle Memorial Institute, Pacific	9002230245	50-317	P		9002220128	50-400	Q
Northwest Laboratory	9002050177*	50-346	V		9002220270	50-261	S
					9002220392	50-400	R
	9002120167	NUREG			9002220649	50-324	Y
	9002120283	NUREG			9002220649	50-324	Y
	9002120296	NUREG			9002230001	50-325	S
	9002120341	NUREG			9002230235	50-400	F
	9002120344	NUREG			9001310068*	XPORTLIC	
Bear Creek Uranium Co.	9002090211	40-8452		Carpenter Technology Corp.			
Bechtel Group, Inc.	9002150135*	50-388	P	Catholic Univ. of America, Washington, D	9001310080	50-77	F
Bechtel National, Inc.	9002090212*	PROJ			9002150272	50-77	F
Belgium, Govt. of	9002270142*	71-3011		Center for Nuclear Responsibility	9002010137	50-250	G
	9002270147*	71-3011		Center for Nuclear Waste Regulatory	9002070455*	WASTE MGT	
				Analyses			
Bishop, Cook, Purcell & Reynolds	9002080169	PR			9002070461*	WASTE MGT	
	9002130293	FOIA			9002070464*	WASTE MGT	
Boise, ID	9002270180	50-397	Q	Centerior Service Co.	9002230339	71-693	
	9002010320*	CONTRACT			9002230339	71-693	



AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
	9002230339	71-693		9002020094	50-254
	9002230339	71-693		9002020094	50-254
	9002230339	71-693		9002060049	50-454
	9002230339	71-693		9002060049	50-454
	9002230355*	71-693		9002060073	50-295
	9002230355*	71-693		9002060149	50-10
	9002230355*	71-693		9002060149	50-10
	9002230355*	71-693		9002060149	50-10
	9002230355*	71-693		9002060149	50-10
	9002230355*	71-693		9002060149	50-10
Cerac, Inc.	9002080041	XPORTLIC		9002060149	50-10
Charles B. Reynolds & Associates	9002220139*	WASTE MGT		9002060149	50-10
Chem-Nuclear Systems, Inc.	9002080267	PR		9002060149	50-10
	9002080282*	PR		9002060149	50-10
Chem-Systems, Inc.	9002220009	PR		9002060149	50-10
Cherne Contracting Corp.	9002080170	PR		9002060149	50-10
Citizens Association for Sound Energy	9002050170	50-445	A	9002060149	50-10
	9002060048	50-445	A	9002060149	50-10
	9002080204	50-445	A	9002060149	50-10
	9002220650	FOIA		9002060185	50-10
Citizens for Fair Utility Regulation	9002010033	50-445	G	9002060185	50-10
Cleveland Electric Illuminating Co.	9001290034	50-440	S	9002060185	50-10
	9002010339	50-440	P	9002060185	50-10
	9002010341*	50-440	P	9002060185	50-10
	9002050009	50-440	Q	9002060185	50-10
	9002050067	50-440	P	9002060185	50-10
	9002090005	50-440	S	9002060185	50-10
	9002090006*	50-440	S	9002060185	50-10
	9002090007*	50-440	S	9002060185	50-10
	9002120087	50-440	P	9002060185	50-10
	9002120173	71-9079		9002060185	50-10
	9002130301	50-440	F	9002060185	50-10
	9002140067	50-440	P	9002060185	50-10
	9002220646	50-440	P	9002060208	50-456
	9002230279	50-440	R	9002060230	50-295
Cleveland-Cliffs, Inc.	9002010200	40-8714		9002060230	50-295
ComData, Inc.	9002220187*	CONTRACT		9002060230	50-295
Combustion Engineering, Inc.	9002060296	70-1100		9002060230	50-295
	9002070154*	CONTRACT		9002060230	50-295
	9002080252	PR		9002060230	50-295
	9002080253	PR		9002060230	50-295
	9002090070	50-470	A	9002060369	50-237
	9002120370*	50-369	P	9002060369	50-237
	9002220252	71-6294		9002060369	50-237
	9002230130	70-36		9002060369	50-237
CommCore, Inc.	9001290124*	CONTRACT		9002060369	50-237
Committee to Bridge the Gap	9002080111	70-25		9002060369	50-237
Commonwealth Edison Co.	9001120034	50-454	Q	9002070019	50-295
	9001290062	50-295	F	9002080145	50-254
	9001290094	50-454			
	9001290140	50-295	Q	9002080390*	50-295
	9001290140	50-295	Q	9002080392*	50-295
	9001290165	50-456	Q	9002090003	50-265
	9001290165	50-456	Q	9002090035	50-237
	9001290194	50-295	Q	9002090087	50-254
	9001290194	50-295	Q		
	9001290214	50-254	K	9002090087	50-254
	9001290214	50-254	K	9002120020	50-254
	9001290214	50-254	K	9002120020	50-254
	9001290239	50-265	P	9002120022	50-254
	9001290246*	50-265	P	9002120098	50-237
	9001300241	50-237	P		
	9001300241	50-237	P	9002120251	50-295
	9001300241	50-237	P	9002120291	50-455
	9001300241	50-237	P	9002130053	50-237
	9001300241	50-237	P	9002130057*	50-237
	9001300241	50-237	P	9002130062*	50-237
	9001300432	50-237	P		
	9001300432	50-237	P	9002130253	50-237
	9001300436*	50-237	P	9002130354	50-456
	9001300436*	50-237	P	9002130398	50-295
	9001300436*	50-237	P	9002140256	50-454
	9001310173	50-237	Q	9002140256	50-454
	9001310182	50-295	P		
	9001310182	50-295	P	9002140256	50-454
	9001310188	50-456	P	9002140256	50-454
	9001310188	50-456	P	9002150001	50-295
	9001310208	50-454	P	9002150012	50-454
	9001310208	50-454	P		
	9001310208	50-454	P	9002150046	50-295
	9001310208	50-454	P	9002150089	50-10
	9001310208	50-454	P	9002150089	50-10
	9001310278	50-295	P	9002150089	50-10
	9001310278	50-295	P	9002150089	50-10
	9001310313	50-295	S		
	9001310399	50-237	V	9002150089	50-10
	9001310399	50-237	V	9002150089	50-10
	9001310524	50-254	F	9002150100	50-295
	9001310524	50-254	F	9002150100	50-295
	9002010011	50-373	F		
	9002010095	50-456	S	9002150105	50-295
	9002010187	50-254	F	9002150105	50-295
	9002010187	50-254	F	9002150112	50-295
				9002150112	50-295

## 242 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
	9002150119	50-295		9002120119	50-155
	9002150119	50-295		9002140055	50-155
	9002150127	50-295		9002150051	50-255
	9002150127	50-295		9002150072	50-155
	9002150130	50-295		9002150205	50-155
	9002150130	50-295		9002220132	50-255
	9002150313	50-456		9002220195	50-155
	9002150318	50-346		9002230093	50-255
	9002220074	50-455		9002230142	50-255
	9002220159	50-454		9002230461	50-255
	9002220159	50-454		9002230538	50-255
	9002220159	50-454	Covington & Burling	9002080051	40-2061
	9002220159	50-454		9002080075	40-2061
	9002220159	50-454		9002080097	40-2061
	9002220163*	50-454		9002080101*	40-2061
	9002220163*	50-454		9002080108	40-2061
	9002220163*	50-454	Dairyland Power Cooperative	9002220733	50-409
	9002220163*	50-454		9002230035	50-409
	9002220163*	50-454	Dames & Moore	9002010158*	40-2061
	9002220173	50-454	Data Computer Corp. of America	9002080230*	CONTRACT
	9002220223	50-254		9002120366	71-9032
	9002220223	50-254	Delta Air Lines, Inc.	9002010008	PR
	9002220282	50-254	Derse & Schroeder Associates, Ltd.	9001300054*	WASTE MGT
	9002220285*	50-254	Desert Research Institute	9001290036	50-341
	9002220347	50-456	Detroit Edison Co.	9001300145	50-341
	9002230038	50-295		9001300197	50-341
	9002230049	50-373		9001300245	50-341
	9002230055	50-373		9001310406	50-341
	9002230074	50-456		9002010010	50-341
	9002230092	50-373		9002020205	50-341
	9002230104	50-454		9002020208	50-341
	9002230104	50-454		9002020289	50-341
	9002230109	PR		9002020294	50-341
	9002230180	50-374		9002050255	50-341
	9002230185	50-374		9002060222	50-341
	9002230211	50-237		9002060229	50-341
	9002230320	50-456		9002060234	50-341
	9002230335	50-304		9002060248	50-341
	9002230407	PR		9002060251*	50-341
Computalog Wireline Services, Inc.	9002080305	PR		9002060336	50-341
Concerned Citizens for the Charlevoix Area	9002120276*	50-155		9002060339*	50-341
Connecticut Yankee Atomic Power Co.	9001290226	71-9216		9002080193	PR
	9001300132	50-213		9002080297	50-341
	9001300134*	50-213		9002120272	50-341
	9001300192	50-213		9002120307	50-341
	9001300196*	50-213		9002130321	50-341
	9001310115	50-213		9002140179	50-341
	9001310115	50-213		9002150075	50-341
	9001310115	50-213		9002220295	50-341
	9001310115	50-213		9002220311*	50-341
	9001310303	50-213		9002050146*	COMMISSIO
	9002010183	50-213	Doub, Muntzing & Glasgow (formerly Doub Muntzing)		N
	9002020056	50-213	Dow Chemical Co.	9002050196	50-264
	9002020056	50-213		9002070085	TOPREP
	9002020243	50-213	DuPage County, IL	9002160034*	40-2061
	9002080181	50-213		9001290152	50-369
	9002080209	50-213	Duke Power Co.	9001290152	50-369
	9002080209	50-213		9001290278	50-369
	9002080232	50-213		9001290278	50-369
	9002090246	50-213		9001300173	50-269
	9002140110	50-213		9001300173	50-269
	9002150151	50-213		9001300174*	50-269
	9002150194	50-213		9001300174*	50-269
	9002150240*	50-213		9001300174*	50-269
	9002150365	50-245		9001300176*	50-269
	9002220016	50-213		9001300212	50-369
Consolidated Edison Co. of New York, Inc.	9001310024	50-247		9001300212	50-369
	9001310254	50-247		9001300239*	50-369
	9002020256	50-247		9001300243*	50-369
	9002050058	50-247		9001300327	50-413
	9002080035	50-247		9001300371*	50-413
	9002080340	50-247		9001300373*	50-413
	9002120123	50-247		9001300406	50-369
	9002130001	50-247		9001310093	50-269
	9002150364	50-247		9001310093	50-269
	9002230141	PR		9001310093	50-269
Consumers Power Co.	9001310199	50-255		9001310095*	50-269
	9001310270	50-155		9001310095*	50-269
	9001310276*	50-155		9001310095*	50-269
	9001310525	50-255		9001310152	50-413
	9002060373	50-255		9001310209	50-369
	9002060377	50-255		9001310209	50-369
	9002080165	50-255		9001310209	50-369
	9002080336	50-255		9001310256	50-269
	9002090281	50-255		9002010058	50-269
	9002120108	50-255		9002010058	50-269
	9002120112*	50-255		9002010058	50-269
	9002120113*	50-255		9002010058	50-269
	9002120116	50-255		9002010058	50-269

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY		AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	
	9002010058	50-269	P		9002130329	50-414	S
	9002010058	50-269	P		9002130347	50-413	S
	9002010058	50-269	P		9002140045	50-369	S
	9002010169	50-413	F		9002140078*	50-413	V
	9002010176*	50-413	F		9002140192	50-369	P
	9002020199	50-413	P		9002140192	50-369	P
	9002020199	50-413	P		9002140192	50-369	P
	9002020203	50-369	P		9002140192	50-369	P
	9002020317	PROJ			9002140192	50-369	P
	9002020320*	PROJ			9002140195	50-413	P
	9002050362	50-369	P		9002140195	50-413	P
	9002050362	50-369	P		9002140197*	50-413	P
	9002050362	50-369	P		9002140197*	50-413	P
	9002050362	50-369	P		9002140198	50-269	Q
	9002050362	50-369	P		9002140198	50-269	Q
	9002060038	50-269	P		9002140198	50-269	Q
	9002060038	50-269	P		9002140213	50-269	S
	9002060038	50-269	P		9002140213	50-269	S
	9002060038	50-269	P		9002140213	50-269	S
	9002060038	50-269	P		9002140222	50-369	Q
	9002060038	50-269	P		9002150275	50-413	F
	9002060038	50-269	P		9002150275	50-413	F
	9002060038	50-269	P		9002150278	50-413	F
	9002060108	50-269	S		9002150278	50-413	F
	9002060150	50-269	F		9002150282	50-269	Q
	9002060155*	50-269	F		9002220069	50-369	F
	9002060158*	50-269	F		9002220069	50-369	F
	9002060243	50-269	F		9002220072*	50-369	F
	9002060243	50-269	F		9002220322	50-269	P
	9002060243	50-269	F		9002220322	50-269	P
	9002060243	50-269	F		9002220322	50-269	P
	9002060243	50-269	F		9002220322	50-269	P
	9002060243	50-269	F		9002220322	50-269	P
	9002060243	50-269	F		9002220322	50-269	P
	9002060249*	50-269	F		9002220322	50-269	P
	9002060249*	50-269	F		9002220327*	50-269	P
	9002060249*	50-269	F		9002220327*	50-269	P
	9002060249*	50-269	F		9002220327*	50-269	P
	9002060249*	50-269	F		9002220327*	50-269	P
	9002060249*	50-269	F		9002220329*	50-269	P
	9002060249*	50-269	F		9002220329*	50-269	P
	9002060249*	50-269	F		9002220329*	50-269	P
	9002070144	50-269	P		9002220332	50-413	P
	9002070144	50-269	P		9002220332	50-413	P
	9002070144	50-269	P		9002220333*	50-269	P
	9002070144	50-269	P		9002220333*	50-269	P
	9002070144	50-269	P		9002220333*	50-269	P
	9002070144	50-269	P		9002220335*	50-413	P
	9002070144	50-269	P		9002220335*	50-413	P
	9002070144	50-269	P		9002220562	50-413	Q
	9002070149*	50-269	P		9002230172	50-370	S
	9002070222	50-414	Q		9002230182	50-269	Q
	9002080127	50-269	Q		9002230182	50-269	Q
	9002080127	50-269	Q		9002230182	50-269	Q
	9002080127	50-269	Q		9002230262*	50-269	R
	9002080127	50-269	Q		9002230520	50-414	P
	9002080127	50-269	Q		9002230543	50-269	Q
	9002080127	50-269	Q		9002280204	50-269	R
	9002080127	50-269	Q		9002280206*	50-269	R
	9002080127	50-269	Q		9002280206*	50-269	R
	9002080198	50-413	P		9002280206*	50-269	R
	9002080198	50-413	P		9001300387	50-334	S
	9002080200	PR			9001300393	50-334	S
	9002080234	50-413	Q		9001300398	50-412	S
	9002080291	PR			9001300444	50-334	S
	9002090048	50-269	F		9002020077	50-334	S
	9002120009	50-369	P		9002080119	50-334	P
	9002120009	50-369	P		9002080157	50-334	R
	9002120012*	50-369	P		9002080157	50-334	R
	9002120012*	50-369	P		9002080231*	50-334	R
	9002120039	50-413	S		9002080233*	50-334	R
	9002120254	50-269	Q		9002080233*	50-334	R
	9002120254	50-269	Q		9002080317	50-334	F
	9002120254	50-269	Q		9002080317	50-334	F
	9002120270	50-269	P		9002090173	50-334	V
	9002120275*	50-269	P		9002120308	50-334	Q
	9002120298	50-269	P		9002120319	50-334	P
	9002120298	50-269	P		9002120340	50-412	S
	9002120298	50-269	P		9002130025	50-334	F
	9002120298	50-269	P		9002150239	50-334	Q
	9002120298	50-269	P		9002150243	50-334	P
	9002120298	50-269	P		9002150243	50-334	P
	9002120365	50-369	P		9002150250*	50-334	P
	9002120365	50-369	P		9002150250*	50-334	P
	9002120365	50-369	P		9002150251*	50-334	P
	9002120365	50-369	P		9002150251*	50-334	P
	9002120365	50-369	P		9002230028	50-334	S
	9002130143	50-369	Q		9002230047	50-334	S

Duquesne Light Co.

# 244 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
E.I. du Pont de Nemours & Co., Inc.	9001290235	71-384		9002060016*	50-331
	9001290240*	71-384		9002080271	50-331
E.R. Johnson Associates, Inc.	9002090154*	CONTRACT		9002080274*	50-331
EG&G Idaho, Inc. (subs. of EG&G, Inc.)	8911160269*	50-213		9002150103	50-443
	9001050122*	50-295		9002280005	50-443
	9001120312*	50-413		9002280005	50-443
	9001220107*	50-395		9002280008*	50-443
	9002120329	NUREG		9002280008*	50-443
	9002140225*	50-317		9002050120*	PR
ENSR Consulting & Engineering (formerly	9002020302	40-7102	Federal Energy Regulatory Commission	9002050269	71-9032
ERT)			Fewell Geotechnical Engineering, Ltd.		
	9002020304*	40-7102	Florida Power & Light Co.	9001300450	50-335
	9002050190*	40-8948		9001310516	50-250
	9002070323*	40-8948		9002010266	50-335
ERC Environmental & Energy Services, Inc.	9002120309	NUREG		9002020192	50-335
				9002050077	50-250
Ebasco Services, Inc. (subs. of Enserch	9002070174*	CONTRACT		9002050086	50-335
Corp.)				9002070001	50-335
	9002090091*	CONTRACT		9002070202	50-250
	9002130364	QA999		9002080140*	50-250
	9002140034	50-382		9002090074	50-250
Edison Electric Institute	9002150023	WASTE MGT		9002090283	50-335
	9002220065	PR		9002090283	50-335
Edlow International Co.	9001290218*	XPORTLIC		9002090286*	50-335
	9001290220*	XPORTLIC		9002090286*	50-335
	9002080152*	XPORTLIC		9002120004	50-335
Employee's Legal Project	9002080070	FOIA		9002120265	50-389
Energy Daily, Inc.	9002130176*	CONTRACT		9002130028	50-250
Energy Research & Development Admin.	9002090141*	XPORTLIC		9002130028	50-250
(Presently DOE)				9002130387	50-250
Energy, Dept. of	9001290259	71-9234		9002150059*	50-250
	9001290330	WASTE MGT		9002150179	50-335
	9001300040	WASTE MGT		9002150179	50-335
	9002010313	WASTE MGT		9002150186	50-335
	9002010411	WASTE MGT		9002150186	50-335
	9002010415	WASTE MGT		9002150283	50-389
	9002010419	WASTE MGT		9002150294	PR
	9002010431	71-6697		9002150285*	50-389
	9002010437	WASTE MGT		9002150287*	50-389
	9002020004	XPORTLIC		9002150289	50-250
	9002020006*	XPORTLIC		9002150299	50-250
	9002020008*	XPORTLIC		9002150340*	50-250
	9002020011	XPORTLIC		9002150340*	50-250
	9002020013*	XPORTLIC		9002220001	50-250
	9002020015*	XPORTLIC		9002230044	50-250
	9002050084	WASTE MGT		9002230298	50-389
	9002050088*	WASTE MGT		9002230302	50-250
	9002060289	WASTE MGT	Florida Power Corp. (subs. of Florida	8911200049	50-302
	9002060290*	WASTE MGT	Progress Corp.)		
	9002070166*	WASTE MGT		9001300091	50-302
	9002070231	PROJ		9001300296	50-302
	9002070339	WASTE MGT		9001300342	50-302
	9002070345	WASTE MGT		9001300350	50-302
	9002070397	WASTE MGT		9001300353	50-302
	9002090212	PROJ		9001300358	50-302
	9002090361	WASTE MGT		9001310272	50-302
	9002120037	WASTE MGT		9001310314	50-302
	9002120047	WASTE MGT		9002020132	50-302
	9002120165	WASTE MGT		9002020255	50-302
	9002120169	WASTE MGT		9002060033	50-302
	9002120202	WASTE MGT		9002140219	50-302
	9002120216	WASTE MGT		9002220232	50-302
	9002120227	WASTE MGT		9002230046	50-302
	9002120231*	WASTE MGT		9002230096	PR
	9002120363	WASTE MGT	Florida, Univ. of, Gainesville, FL	9002140036	50-83
	9002130026	WASTE MGT	Foot Mineral Co.	9002050158*	40-8948
	9002160078	71-6347		9002070188*	40-7397
	9002160084	50-603		9002070213*	40-7397
	9002220134*	WASTE MGT	Frank Malek & Associates	9002080261	PR
	9002220160	WASTE MGT	Future Resources Associates, Inc.	9002120348	NUREG
	9002220172	WASTE MGT	G.R.O.W.S., Inc.	8501090520*	FOIA
	9002220243	WASTE MGT		8501090527*	FOIA
	9002220270	WASTE MGT		8502270239*	FOIA
Entergy Corp.	9002150281	PR	General Atomics (formerly GA Technologie	9091290248	71-8745
Environmental Evaluation Group	9001300051	WASTE MGT	s, Inc./General Atomic Co.)		
Environmental Protection Agency	9002060037*	FOIA		9001290253	71-9034
				9001290255	71-9037
Environmental Research Institute of	9001300116*	WASTE MGT		9002090212	PROJ
Michigan				9002130240	70-734
European Communities, Commission of	9002010436	XPORTLIC		9002130243	70-734
	9002070124	XPORTLIC		9002130247	70-734
	9002080034	XPORTLIC		9001310417	71-9033
FOI Services	9002130283	FOIA	General Dynamics Corp.	9002070197	70-211
Fansteel, Inc.	9001300437	40-7580		9002230344	PR
Fauske & Associates, Inc.	9002150078*	PROJ		9002230386*	PR
Federal Emergency Management Agency	9001310182	50-445	General Electric Co.	9001310453	71-9228
	9001310203*	50-445			
	9002010160	50-483		9001310471	71-9019
	9002010161*	50-483		9002010012	PR
	9002050337	50-443		9002090214	70-1113
	9002060014	50-331		9002090217*	70-1113



AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
General Public Utilities Corp. - GPU Service Corp.	9002090218*	70-1113	H & G Inspection Co., Inc. Hampton, NH	9002120339	50-458
	9002090219*	70-1113		9002150270	50-458
	9002120066	50-280		9002150274*	50-458
	9002140167	70-1113		9002150296	50-458
	9002150181	71-9019		9002160090	50-458
	9001300200	PROJ		9002160094*	50-458
	9001300264	50-320		9002220151	50-458
	9001300365	50-320		9002220576	50-458
	9001300367*	50-320		9002090041	71-6717
				9002010054	50-443
	9001300370*	50-320	Harmon, Curran & Tousley	9002010054	50-443
	9001310122	50-219		9002080137	50-443
	9002010107	50-219		9002080137	50-443
	9002010261	50-219		9002120361	50-443
	9002010417	50-320		9002130041	50-443
	9002010427*	50-320		9002150037	50-443
	9002020030	50-219		9002220018	50-443
	9002020032*	50-219		9002220093	50-443
	9002020073	50-219		9002280027	50-443
	9002020102	50-289		9002280068	50-443
	9002020157	50-320	Harvard School of Public Health, Boston, MA	9002120313	NUREG
	9002020168	50-320		9002120204	40-8914
	9002060146	50-320		9002010318*	CONTRACT
	9002060148*	50-320		9002130076	PR
	9002070033	50-289		9002230231	PR
	9002070287	50-289		9001300107*	50-250
	9002080038	50-289		9002050063*	PRM
	9002080046	50-289		9002050090*	PRM
	9002080099	50-219		9002050104*	PRM
	9002120295	50-219		9002130204*	50-220
	9002130389	50-289	House of Rep.	9002150149	PR
	9002150073	PROJ		9002230075*	50-250
	9002220331	50-320		9002230463*	50-322
	9002220487	50-289		9001240032*	50-443
	9002230337	50-320		9002020052*	COMMISSIO
	9001310135*	CONTRACT		9001300125	50-498
	9001290057	50-160		9001300131*	50-498
	9002140021	50-160		9001300139	50-498
	9001290064	50-424		9001300148*	50-498
				9001300227	50-498
George Mason Univ., Fairfax, VA	9001290064	50-424	Houston Lighting & Power Co.	9001300227	50-498
	9001290069	50-424		9001300319	50-498
	9001290069	50-424		9001310098	50-498
	9001300439	50-321		9001310102	50-498
	9001300448	50-321		9001310102	50-498
	9001300453	50-424		9001310102	50-498
	9001300453	50-424		9001310218	50-498
	9001300464	50-424		9002010056	50-499
	9001300464	50-424		9002010057*	50-499
	9001310322	50-424		9002010115	50-498
Georgia Institute of Technology, Atlanta GA	9001310338	50-424		9002010178	50-498
	9002010251	50-424		9002010420	50-498
	9002010251	50-424		9002010424*	50-498
	9002050272	50-321		9002020181	50-498
	9002050272	50-321		9002020181	50-498
	9002050274*	50-321		9002020263	50-498
	9002050274*	50-321		9002060042	50-498
	9002060088	50-425		9002060042	50-498
	9002060171	50-424		9002080124	50-498
	9002080219	50-424		9002080124	50-498
Georgia Power Co.	9002090326	50-321		9002080171	PR
	9002090326	50-321		9002090004	50-498
	9002130141	71-9032		9002120111	50-498
	9002130145	71-9033		9002120111	50-498
	9002150003	50-424		9002120114*	50-498
	9002150020	50-366		9002120114*	50-498
	9002150166	50-321		9002120152	50-498
	9002160009	50-366		9002120152	50-498
	9002220238	50-321		9002130184	50-498
	9002220238	50-321		9002140052	50-498
Gerst, Heffner, Carpenter & Podgorsky Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.)	9002220740	50-425	INDESERV, Inc. INTERA Technologies, Inc.	9002150247	50-498
	9002280245	FOIA		9002230016	50-498
	9002220573	50-395		9002230016	50-498
	9002080224	PR		9002230025	50-498
				9002230059	50-499
	9002080082*	CONTRACT		9002230287	50-498
	8911090356	50-458		9002230287	50-498
	9001300124	50-458		9001290277	71-690
	9002020171	50-458		9002010237	40-8904
	9002020213	50-458		9002090362	40-8904
Global X-Ray & Testing Corp.	9002050020	50-458	IRT Corp. Idaho National Engineering Laboratory	9002140166	70-1359
	9002060191	50-458		9001120312*	50-413
	9002080016	50-458		9002140225*	50-317
	9002080021	50-458		9001290099	50-461
	9002080207	PR		9001300082	50-461
	9002080211	50-458		9001300158*	50-461
	9002080226	50-458		9001300215	50-461
	9002080247	50-458		9001300295	50-461
	9002120299	50-458		9001300297*	50-461

## 246 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
	9002070087	50-461	Lorion, J.	9002010137	50-250
	9002070098*	50-461	Los Alamos National Laboratory	9001300054*	WASTE MGT
	9002070107*	50-461		9002070405*	WASTE MGT
	9002070295	50-461		9002070409*	WASTE MGT
	9002080370	50-461		9002070411*	WASTE MGT
	9002090076	50-461		9002120292	NUREG
	9002120156	50-461	Louisiana Power & Light Co.	9001300077	50-382
	9002120208	50-461		9002020109	50-382
	9002220207	50-461		9002060409	50-382
	9002230294	50-461		9002060413	50-382
Illinois, State of	9002230524	50-461		9002060417	50-382
	9002080086	40-2061		9002120058	50-382
	9002150040	40-2061		9002220356	50-382
	9002150055*	40-2061		9002220364*	50-382
	9002280053	40-2061	Louisiana, State of	9002070148*	CONTRACT
Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.)	9001290279	50-315		9002230168	PR
	9002020272	50-315	MAERP Reinsurance Association (Mutual Atomic Energy Reinsurance Pool)	9002050151*	COMMISSIO
	9002020272	50-315	MHB Technical Associates		
	9002070106	50-315	MK-Ferguson Co.	9001290272*	NUREG
	9002070460	50-316		9002120205*	WASTE MGT
	9002070466	50-315	MPR Associates, Inc.	9002120218*	WASTE MGT
	9002070468*	50-315	MQS Inspection, Inc. (formerly Magnaflux Corp.)	9001290142*	CONTRACT
	9002080117	50-315		9002080250	PR
	9002080117	50-315		9002080251	PR
	9002120256	50-315		9002080301	PR
	9002120256	50-315		9002080309	PR
	9002120260*	50-315		9002120310	71-9007
	9002120260*	50-315		9002230300	PR
	9002120305	50-315	Maine Yankee Atomic Power Co.	9001300172	50-309
	9002120305	50-315		9001310165	50-309
	9002120350	50-315		9002020188	50-309
	9002140162	50-316		9002080229	50-309
	9002140165*	50-316		9002080237	50-309
	9002150099	50-316		9002130022	50-309
	9002150109	50-315		9002220319	50-309
	9002220473	50-315		9002230464	50-309
	9002220473	50-315	Maine, State of	9001300071	50-309
	9002220475*	50-315		9002080062	50-443
	9002220475*	50-315	Malapai Resources Co.	9001290133	40-8502
	9002220692	50-315		9002010046	40-8502
	9002220695*	50-315		9002010062	40-8502
	9002230014	50-315		9002010066	40-8502
Institute of Nuclear Power Operations	9002060081*	CONTRACT		9002010212	40-8502
Interior, Dept. of, Geological Survey	9001290115	50-274	Marathon Management Co., Ltd.	9002020283*	FOIA
	9002150065	50-274			
International Brotherhood of Electrical Workers	9002120351	50-275	Marathon Watch Co., Ltd.	9002020265*	FOIA
Iowa Electric Light & Power Co.				9002020266*	FOIA
	9002060008	50-331		9002020271*	FOIA
	9002060134	50-331		9002020277*	FOIA
				9002020279*	FOIA
	9002080190	50-331		9002020280*	FOIA
Iowa, Univ. of, Iowa City, IA	9002150332	50-331		9002020282*	FOIA
Irving Burton Associates, Inc.	9002080265	PR		9002020284*	FOIA
J.L. Shepherd & Associates	9002060069*	CONTRACT		9002020286*	FOIA
	9002060292	71-6280		9002020290*	FOIA
	9002150197	71-5984		9002020292*	FOIA
Jewish Hosp. St. Louis, MO	9002080299	PRM		9002020293*	FOIA
Justice, Dept. of	9002220637	50-445		9002020298*	FOIA
Kachemak Bay Citizen's Coalition	9002130199	PR		9002020300*	FOIA
Kachemak Bay Conservation Society	9002150174	PR		9002020301*	FOIA
Kachemak Heritage Land Trust	9002130199	PR		9002020306*	FOIA
Kansas, State of	9002010268*	CONTRACT		9002020311*	FOIA
Kern County, CA	9002230105	FOIA		9002020313*	FOIA
Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.)	9002080051	40-2061	Marsh & McLennan, Inc.	9002060198*	50-458
				9002160015	50-483
	9002080075	40-2061		9002220683	FOIA
	9002080097	40-2061	Maryland, State of	9001290029*	CONTRACT
	9002080101*	40-2061		9002280225	50-317
	9002080108	40-2061		9002280234*	50-317
Kerr-McGee Corp.	9002050207	70-925	Massachusetts Institute of Technology,	9001310178*	CONTRACT
	9002230189	70-925	Cambridge, MA		
Rotondi, Hill-Whilton	9002010031	50-443	Massachusetts, Commonwealth of	9001290063*	CONTRACT
	9002010043	50-443		9002010105	50-443
				9002080026	50-443
	9002010043	50-443		9002080026	50-443
	9002010069	50-443		9002080137	50-443
	9002010069	50-443		9002080137	50-443
	9002120942	50-443		9002120361	50-443
	9002120341	NUREG		9002130041	50-443
	9002090291*	50-324		9002150037	50-443
ional Laboratory					
	9002120234	50-344		9002220018	50-443
	9002080092	70-25		9002220040*	50-443
ace Co., Inc.	9002280007	70-25		9002220093	50-443
	9002090058	71-159		9002280027	50-443
	9002120138	71-159		9002280027	50-443
	9002070173	50-322		9002280068	50-443
	9002070320	50-322	Materials Engineering Associates, Inc.	9002120277	NUREG
	9002220204	50-322	Maxima Corp.	9002080115*	CONTRACT
	9002230053	50-322	Metallurg, Inc.	7908140357*	40-7102

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
	8006170424*	40-7102		9002080063	50-286 R
	8006170824*	40-7102		9002080186	50-333 Q
	9002050215*	40-8948		9002140234	50-286 P
	9002060139*	FOIA		9002220218	50-286 R
	9002060182*	40-7102		9002220303	50-333 S
	9002070236*	40-7102		9002220344	50-333 S
	9002070251*	40-7102		9002220395	50-286 P
	9002070317*	40-8948		9002220396*	50-286 P
Miller, Balis & O'Neil	9002220610	50-445		9002230042	50-333 P
Minnesota, State of	9002140064	50-130 P		9002230504	50-333 R
Mitsubishi International Corp. (subs. of Mitsubishi Corp.)	9002070233	XPORTLIC	New York, State of	9002260448	50-333 S
	9002070235*	XPORTLIC	Newbury, MA	9001290204*	CONTRACT
	9002070249	XPORTLIC	Newburyport, MA	9002010069	50-443 G
	9002070254*	XPORTLIC		9002010043	50-443 G
				9002120342	50-443 G
Mitsui & Co. (USA), Inc. (subs. of Mitsui & Co., Ltd.)	9001310068	XPORTLIC	Newfield, NJ	9002060308*	40-7102
	9002020114	XPORTLIC		9002060313*	40-7102
	9002150021*	XPORTLIC	Newman & Holtzinger	9002080096	50-445 G
Modern Microfilm Methods, Inc.	8905190180*	CONTRACT		9002080140*	50-250 G
				9002220091	50-250 G
Monitored Retrievable Storage Review Commission	9002080220	WASTE MGT		9002230006	FOIA
Morrison-Knudsen Engineers, Inc.	9002120222*	WASTE MGT	Neyhart, Anderson, Nussbaum, Reilly & Freitas	9002120337	50-275 G
National Council on Radiation Protection & Measurements	9002010221*	CONTRACT	Niagara Mohawk Power Corp.	9001300190	50-410 S
				9001310034	50-220 R
National Electrical Manufacturers Association	9002130213*	FOIA		9002010018	50-220 Q
	9002130220*	FOIA		9002060309	50-220 S
National Institute of Standards & Technology (formerly National Bureau of Technology)	9002060087*	CONTRACT		9002060396	50-410 R
				9002070108	50-410 S
				9002070403	50-220 S
	9002090375	70-398		9002080121	50-410 P
	9002120017*	70-398		9002090179	50-220 P
	9002120019*	70-398		9002130125*	50-410 R
	9002220154	50-184		9002140260	50-220 P
National Research Council	9002060050	WASTE MGT P		9002140265*	50-220 P
National Security Archive	9002080089	FOIA		9002230128	50-220 P
Navy, Dept. of	8912200254	71-58		9002230155	50-220 P
	9001310429	71-9032	Nissho Iwai American Corp.	9002010441*	XPORTLIC
	9001310463	71-9032	Northeast Nuclear Energy Co. (subs. of Northeast Utilities)	9001290212	50-245 F
	9002050271	71-23			
	9002070030	71-89		9001290212	50-245 F
Nebraska Public Power District	9001290043	50-298 Q		9001300187	50-245 S
	9001290050	50-298 J		9001300273	50-423 P
	9001300274	50-298 J		9001300315	50-423 P
	9001310037	50-298 J		9001310115	50-213 Q
	9002020247	50-298 P		9001310115	50-213 Q
	9002020250*	50-298 P		9002020056	50-213 P
	9002080176	50-298 F		9002020056	50-213 P
	9002080197	50-298 P		9002020056	50-213 P
	9002220246	50-298 R			
	9002220337	50-298 P		9002020243	50-213 P
	9002230490	50-298 Q		9002020243	50-213 P
Nevada, State of	9001300247	WASTE MGT		9002050149	50-245 V
	9001300265	WASTE MGT		9002070122	50-336 S
New England Coalition on Nuclear Pollution	9002010054	50-443 G		9002070415	50-245 F
	9002080137	50-443 G		9002070415	50-245 F
	9002080137	50-443 G		9002070458	50-245 Q
	9002120361	50-443 G		9002080129	50-336 V
	9002130041	50-443 G		9002080199	50-336 P
	9002150037	50-443 G			
	9002220018	50-443 G		9002080209	50-213 H
	9002220093	50-443 G		9002080209	50-213 H
	9002280027	50-443 G		9002080232	50-213 H
	9002280027	50-443 G		9002090246	50-213 P
				9002140090	50-245 S
	9002280068	50-443 G		9002140107	50-245 Q
New Hampshire, State of	9002010118*	50-443 G		9002140230	50-336 R
	9002080078*	FOIA		9002140270	50-245 R
New Jersey, State of	9001290075*	CONTRACT		9002150151	50-213 H
	9002060242*	40-7102		9002150366	50-245 Q
	9002060255*	40-7102		9002220016	50-213 H
	9002060259*	40-7102		9002220016	50-336 H
	9002120178	50-219 P		9002220708	50-336 S
	9002160203	50-219 H		9002220719	50-423 S
New Mexico Institute of Mining & Technology, Socorro, NM	9001300051	WASTE MGT		9002220721	50-423 S
	9001300054*	WASTE MGT	Northeast Utilities	9002220742	50-423 R
New York Power Authority (formerly Power Authority of the State of New York)	9001290185	50-286 Q		9001300132	50-213 P
				9001300187	50-245 S
	9001300181	50-286 P		9001300273	50-423 P
				9001300315	50-423 P
	9001300189	50-333 Q			
	9001300195*	50-286 P		9002010183	50-213 Q
	9002060051	50-333 P		9002020056	50-213 P
	9002060407	50-333 S		9002020243	50-213 P
	9002070297	50-286 V		9002050149	50-245 V
				9002070122	50-336 S
	9002070356	50-286 F			
	9002070419	50-333 Q		9002070415	50-245 F
	9002080139	50-333 S		9002070415	50-245 F
	9002080296	50-286 R		9002070458	50-245 Q
				9002070458	50-245 Q

# 248 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY		AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	
	9002080129	50-336	V		9002010131*	50-285	P
	9002080181	50-213	R		9002010135*	50-285	P
	9002080199	50-336	P		9002010151*	50-285	P
	9002080209	50-213	H		9002010291	50-285	P
	9002080209	50-213	H		9002020220	50-285	Q
	9002080209	50-213	H		9002050236	50-285	R
	9002080232	50-213	H		9002050237*	50-285	R
	9002080246	50-213	P		9002060054	50-285	P
	9002140090	50-245	S		9002060055*	50-285	P
	9002140107	50-245	Q		9002060056*	50-285	P
	9002140110	50-213	P		9002090182	50-285	P
	9002140230	50-336	R		9002090184	50-285	Q
	9002140270	50-245	R		9002090267	50-285	H
	9002150151	50-213	H		9002090275	50-285	P
	9002150365	50-245	Q		9002120034	50-285	Q
	9002220016	50-213	H		9002120036	50-285	S
	9002220708	50-336	S		9002120185	50-285	P
	9002220719	50-423	S		9002120186*	50-285	P
	9002220721	50-423	S		9002120188*	50-285	P
	9002220742	50-423	R		9002120286	50-285	F
Northern States Power Co.	9001310075	50-306	S		9002130049	50-285	S
	9002020252	50-263	O		9002130137*	50-285	Q
	9002060076	50-282	O		9002150326	50-285	P
	9002060076	50-282	O		9002150368*	50-285	P
	9002060101	50-282	P		9002150370*	50-285	P
	9002060101	50-282	P		9002220052	50-285	S
	9002060152	50-263	P		9002220140	50-285	H
	9002060178	50-282	O	On-Line Computer Systems, Inc.	9002010281*	CONTRACT	
	9002120191	50-263	P	Oregon, State of	9001310146*	CONTRACT	
	9002140071*	50-130	P		9002080284	PR	
	9002140280	50-263	R	PARAMETER, Inc.	9002120237	NUREG	
	9002150002	50-282	R	Pacific Gas & Electric Co.	9002010327	50-275	P
	9002150035*	50-130	P		9002010327	50-275	P
	9002150108*	50-130	P		9002010328*	50-275	P
	9002150111*	50-130	P		9002010328*	50-275	P
	9002150114*	50-130	P		9002010330*	50-275	P
	9002150116*	50-130	P		9002010330*	50-275	P
	9002150118*	50-130	P		9002010405	50-275	P
	9002150121*	50-130	P		9002020035	50-275	P
	9002150124*	50-130	P		9002020035	50-275	P
	9002150125*	50-130	P		9002020040	50-275	Q
	9002150264	50-263	P		9002020040	50-275	Q
	9002220325	50-263	O		9002020082	50-275	P
	9002220676	50-282	O		9002020082	50-275	P
	9002230154	50-263	F		9002080210	50-275	R
Nuclear Assurance Corp.	9002230219	50-282	S		9002080280	50-275	Q
	9001310441	71-9225			9002080280	50-275	Q
	9002010356	71-9183			9002080351	50-275	Q
Nuclear Control Institute	9002090081	71-9010			9002080351	50-275	Q
	9002080238	PR			9002090044	50-275	P
Nuclear Electric Insurance Ltd.	9002230440	50-445	J		9002090282	50-275	P
Nuclear Energy Accountability Project	9001300489*	50-250	H		9002090292	50-275	P
	9002080132*	50-250	G		9002150045	50-275	G
	9002080143*	50-250	G		9002220106	50-275	F
	9002080154*	50-250	G		9002220106	50-275	F
	9002220025	50-250	G		9002220109*	50-275	F
Nuclear Fuel Services, Inc.	9001290242	71-5517			9002220109*	50-275	F
	9001290262	70-143			9002220133	50-275	F
	9002090049	71-4949			9002220133	50-275	F
	9002130319	70-143			9002220138*	50-275	F
	9002130346	70-143			9002220143*	50-275	F
	9002140159	70-143			9002220149	50-275	P
	9002140170	70-143			9002220157	50-275	P
Nuclear Licensing Reports	9002060023	FOIA			9002220157	50-275	P
	9002230208	FOIA			9002220166	50-275	P
Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Mana	9002080298	PR			9002220174	50-275	P
	9002080306	PR			9002220186	50-344	F
Nutech, Inc.	9002060304	PROJ			9002220474	50-275	R
State-Riding Associated Univs.	9002050235*	FOIA			9002220632	50-133	J
	9002060247*	40-7102			9002230145	50-275	S
	9002060276*	40-7102			9002230425	50-344	S
	9002070324	40-8724		Pacific Nuclear Systems, Inc.	9002120264	PROJ	
	9001300186*	TOPREP		Pacific Sierra Nuclear Associates	9002090089	PROJ	
oratory	9002120184	NUREG		Panhandle NDT & Inspection, Inc.	9002090095*	PROJ	
	9002120284	NUREG			9002230188	PR	
	9002010032	40-8724		Pathfinder Mines Corp.	9002010206	40-6622	
	9002130190	PR			9002010234	40-6622	
	9002130097	40-2061			9002010239	40-2259	
	9001290074	50-285	S	Pennsylvania Electric Co.	9002090353	40-6622	
	9001310299	50-285	P		9001310028	50-277	S
	9001310324	50-285	P	Pennsylvania Power & Light Co.	9001300042	50-387	P
	9001310328*	50-285	P		9001300042	50-387	P
	9001310328*	50-285	P		9001300047*	50-387	P
	9001310342	50-285	P		9002010168	50-387	P
	9001310411*	50-285	P		9002010168	50-387	P
	9001310414*	50-285	P		9002010172*	50-387	P
	9002010071	PR			9002010172*	50-387	P
	9002010128	50-285	P		9002010174*	50-387	P
					9002010174*	50-387	P



AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
	9002020202	50-387		9002020092	50-344
	9002020202	50-387		9002070346	50-344
	9002060168	50-388		9002120134	50-344
	9002070123	50-387		9002120294	50-344
	9002070123	50-387		9002130114	50-344
	9002070168	50-387		9002220699	50-344
	9002070168	50-387		9002220715	50-344
	9002070265*	50-387		9002230037	50-344
	9002090061	71-9224		9002230243	PR
	9002120006	50-387	Power Resources, Inc. (formerly Sparklin	9002010222	40-8857
	9002120079	50-387	City Nuclear Corp.)		
	9002120079	50-387	Prime Motor Inn, Inc.	9001290121*	CONTRACT
	9002120320	50-387	Public Service Co. of Colorado	9001290037	50-267
	9002120325	50-387		9001290044	50-267
	9002150132	50-388		9001290053	50-267
	9002150249	50-387		9001290271	71-6346
	9002150249	50-387		9002010096	50-267
	9002160022	50-387		9002010097*	50-267
	9002160022	50-387		9002050348	50-267
	9002160137	50-387		9002050352*	50-267
	9002160137	50-387		9002050359*	50-267
	9002220014	50-387		9002050421	50-267
	9002220034	50-388		9002090226	50-267
	9002220036*	50-388		9002090372	50-267
	9002230416	PR		9002140194	50-267
Pennsylvania State Univ., University	9002220283	50-5		9002150201	50-267
Park, PA	9002120081*	CONTRACT		9002150309	50-267
PharmChem Laboratories, Inc.	9001290038	50-277	Public Service Co. of New Hampshire	9001290012	50-443
Philadelphia Electric Co.	9001300083	50-352		9001290026	50-443
	9001300083	50-352		9001290028*	50-443
	9001300202	50-278		9001290233	50-443
	9001300417	50-353		9001300431	50-443
	9001310239	50-352		9002010061	50-443
	9001310515	50-171		9002010078	50-443
	9002010108	50-277		9002010078	50-443
	9002010114*	50-277		9002010257	50-443
	9002010303	71-525		9002020009	50-443
	9002050017	50-352		9002020014	50-443
	9002050017	50-352		9002020108	50-443
	9002050286	50-277		9002020112	50-443
	9002060098	50-352		9002060347	50-443
	9002060098	50-277		9002060355	50-443
	9002060098	50-277		9002060036	50-443
	9002060010*	50-277		9002060045*	50-443
	9002060010*	50-277		9002060065	50-443
	9002080039*	50-277		9002080090	50-443
	9002080039*	50-277		9002090105*	50-443
	9002080222	50-277		9002130355	50-443
	9002080222	50-277		9002150261	50-443
	9002080228	50-352		9002160223	50-443
	9002080228	50-352		9002160223	50-443
	9002080228	50-352		9002220028	50-443
	9002080235	50-277		9002220028	50-443
	9002080303	PR		9002220028	50-443
	9002080367	50-277		9002220085	50-443
	9002080367	50-277		9002220087*	50-443
	9002080367	50-277		9002220226	50-443
	9002120279	50-277		9002220236	50-443
	9002120279	50-277		9002220294	50-443
	9002120279	50-277		9002220294	50-443
	9002130133	50-171		9002220294	50-443
	9002130391	50-353		9002220294	50-443
	9002140145	50-352		9002220725	50-443
	9002140145	50-352		9002230207	50-443
	9002140145	50-352		9002230221	50-443
	9002150277	50-353		9002280001	50-443
	9002150279*	50-353		9002280001	50-443
	9002150359	PR		9002280002	50-443
	9002220071	50-277		9002280002	50-443
	9002220100	50-277		9002280003	50-443
	9002220100	50-277		9002280003	50-443
	9002220102*	50-277		9002280004	50-443
	9002220102*	50-277		9002280004	50-443
	9002220718	50-353		9002280018	50-443
	9002230118	50-352		9002280049	50-443
	9002230275	PR		9002280049	50-443
	9002230444	50-277	Public Service Co. of New Mexico	9002220338	50-443
Physicians for Social Responsibility	9002230446*	50-277	Public Service Electric & Gas Co. of New	9001300230	50-272
Plateau Resources, Ltd.	9002260058	70-25	Jersey	9001300230	50-272
Portland General Electric Co.	9002120229	40-8698		9001300230	50-272
	9001290039	50-344		9001300330	50-272
	9001300087	50-344		9001300330	50-272
	9001300375	50-344		9001310025	50-311
	9001310357	50-344		9001310521	50-272
	9001310405	50-344		9001310521	50-272
	9001310416	50-344		9001310527	50-272
	9001310432	50-344		9001310530*	50-272
	9001310436*	50-344		9002010253	50-272
	9001310442*	50-344		9002010353	50-354
	9002020010	50-344		9002050013	50-272
	9002020054*	50-344		9002050015*	50-272

## 252 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
Tenneco, Inc. Tennessee Valley Authority	9002220741	50-445	Texas, State of	9002220681	50-328
	9002220741	50-445		9002230103	PR
	9002230184	50-445		9002230230	PR
	9002130164	PR		9002230259	50-327
	8911270024	50-390		9002230259	50-327
	9001290041	50-260		9002080275	PR
	9001290055	50-438		9002220599	50-445
	9001300044	50-390		9002230326	PR
	9001300211	50-259		9002230501	50-602
	9001300211	50-259		9002230509*	50-602
	9001300322	50-327		9002060342	50-206
	9001300322	50-327		9002140085	71-529
	9001300325*	50-327		9002140091*	71-529
	9001300325*	50-327		9002140139*	71-529
	9001310189	50-259		9001310163*	50-346
	9001310189	50-259		9001310470	50-346
	9001310189	50-259		9002020198	50-346
	9001310189	50-259		9002020214*	50-346
	9001310189	50-259		9002090318	50-346
	9001310189	50-259		9002120091	50-346
	9001310189	50-259		9002120179	50-346
	9001310189	50-259		9002130169	50-346
	9001310189	50-259		9002130181	50-346
	9002010068	40-1341		9002130362	50-346
	9002010197	50-259		9002130366	50-346
	9002010197	50-259		9002130368*	50-346
	9002010197	50-259		9002130369*	50-346
	9002010197	50-259		9002130375	50-346
	9002010197	50-259		9002130378*	50-346
	9002010197	50-259		9002160190*	50-346
	9002010197	50-259		9002220225	50-346
	9002010197	50-259		9002220743	50-346
	9002010204	50-327		9002220745*	50-346
	9002010204	50-327		9002230029	50-346
	9002010230	50-327		9002230034	50-346
	9002020016	50-327		9002230227	50-346
	9002020016	50-327		9002050091	40-7102
	9002020018*	50-327		9002010434	71-78
	9002020018*	50-327		9001300443	71-9233
	9002020121	50-259		9002020020	XPORTLIC
	9002060007*	50-259		9002020021*	XPORTLIC
	9002060034	50-327		9002070258	XPORTLIC
	9002060034	50-327		9002070266*	XPORTLIC
	9002060210	50-259		9002080144*	XPORTLIC
	9002060210	50-259		9002080319	PR
	9002060210	50-259		9002220200	71-3011
	9002060210	50-259		9002220667	71-3010
	9002060210	50-259		9001290224	50-321
	9002060210	50-259		9002080256	PR
	9002060210	50-259		9001250156	WASTE MGT
	9002070055	50-260		9001250157*	WASTE MGT
	9002080001	50-259		9001300345*	WASTE MGT
	9002080123	50-327		9001300347*	WASTE MGT
	9002080123	50-327		9001300383	27-48
	9002080159	50-259		9002050218	27-48
	9002080159	50-259		9002050245	27-48
	9002080159	50-259		9002060043	27-48
	9002080159	50-259		9002120120	27-48
	9002080159	50-259		9002120125	27-48
	9002080159	50-259		9002120371	27-48
	9002080159	50-259		9002220296	27-48
	9002120042	50-327		8912140191	40-8681
	9002120042	50-327		9001310401	40-8681
	9002120176	50-259		9002150153*	40-8681
	9002120180*	50-259		8911060223	50-483
	9002120315	50-391		9001310505	50-483
	9002130070	50-390		9002070155	50-483
	9002130135	50-260		9002070163*	50-483
	9002140017	50-327		9002090307	50-483
	9002140226	50-390		9002120103	50-483
	9002140277	50-327		9002130277	50-483
	9002150155	50-327		9002140014	50-483
	9002150155	50-327		9002150095	50-483
	9002150158*	50-327		9002220148	50-483
	9002150158*	50-327		9002230111	PR
	9002220042	50-260		9002230143	50-483
	9002220352	50-390		9002120283	NUREG
	9002220377	50-327		9002120316	NUREG
	9002220377	50-327		9001310100	40-8907
	9002220378*	50-327		9001310190	70-371
	9002220378*	50-327		9001310195*	70-371
	9002220382	50-327		9002120195	40-8907
	9002220382	50-327		9002120318	70-820
	9002220385*	50-327		9002130316	70-371
	9002220385*	50-327		9002130338	70-371
	9002220660	50-259			
	9002220660	50-259			

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY
	9002060133*	40-7102		9002220118	50-206
	9002060273*	40-7102		9002220118	50-206
	9002060280*	40-7102		9002220150	50-206
	9002060320*	40-7102		9002220265	50-206
	9002060330*	40-7102		9002220265	50-206
	9002060349*	40-7102		9002220265	50-206
	9002060371*	40-7102		9002220304	50-206
	9002060376*	40-7102		9002220304	50-206
	9002060397*	40-7102		9002220304	50-206
	9002060404*	40-7102		9002220308*	50-206
	9002060406*	40-7102		9002230199	50-361
	9002060408*	40-7102		9002230199	50-361
	9002060415*	40-7102		9002230284	50-361
	9002060418*	40-7102		9002230284	50-361
	9002070047*	40-7102		9002230409	50-361
	9002070065*	40-7102		9002230409	50-361
	9002070150*	40-7102		9002230417*	50-361
	9002070160*	40-7102		9002230530	50-362
	9002070196*	40-7102		9002260239	50-362
	9002070283*	40-7102		9002260010	70-25
Sierra Club	9002070290*	40-7102	Southern California Federation of		
Sierra Nuclear, Inc.	9002070443*	40-7102	Scientists		
	9002070448*	40-7102	Stamford Hosp., Stamford, CT	9002080304	PRM
	9002150257	PR	Stamford Memorial Hosp., Stamford, TX	9002080285	PRM
	9002280147	PROJ	State, Dept. of, Bureau of Oceans & Intl	9002080287	PRM
			Environ. & Scientific Affairs	9002080024	XPORTLIC
Silver King Mines, Inc.	9002010074*	40-1341			
Silvermail, W.L.	9002060217*	40-7102		9002080128	XPORTLIC
	9002070245*	40-7102		9002080130	XPORTLIC
Small Business Administration	9002050094*	CONTRACT		9002080136	XPORTLIC
	9002060069*	CONTRACT		9002020257	FOIA
			Stocker & Yale, Inc.		
Smoky Bay School, Homer, AK	9002080230*	CONTRACT	Stone & Webster Engineering Corp.	9002050264	71-347
Society Against Nuclear Energy	9002150330	PR	Susana Knolls Homeowners Association	9002280065	70-25
Society of Nuclear Medicine	9002150269	PR	System Automation Corp.	9002160150*	CONTRACT
Sonabysts, Inc.	9002060091*	COMMISSIO	System Energy Resources, Inc.	9001290181	50-416
	9001290161*	CONTRACT		9001310395	50-416
South Carolina Electric & Gas Co.	9002130155*	CONTRACT		9002010119	50-416
	9001290101	50-395		9002010231	50-416
	9001290217	50-395		9002050334	50-416
	9001300093	50-395		9002060019	50-416
	9001310455	50-395		9002060215	50-416
	9001310457	50-395		9002070408	50-416
	9002010227	50-395		9002080192	50-416
	9002080030	50-395		9002150122	50-417
	9002120127	50-395		9002160163	50-416
	9002120331	50-395		9002220191	50-416
	9002150356	PR		9002220198*	50-416
	9002230436	PR		9002230367	50-416
South Carolina, Univ. of, Columbia, SC	9001310462*	50-395		9002220723	50-416
Southern California Edison Co.	9001290020	50-206		9002230191	50-416
	9001300161	50-361	T&K Inspection	9002120332	71-692
	9001300238	50-206	TEI Analytical Services, Inc. (formerly	9001310124	71-691
	9001300238	50-206	Trans-Eastern Inspection, Inc.)		
	9001300238	50-206		9001310124	71-691
	9001310275	50-206		9001310158*	71-691
	9001310380	50-206		9001310159*	71-691
	9001310427	50-206	TU Electric (formerly Texas Utilities	9001310520	50-445
	9001310480	50-362	Generating Co.)		
	9002010215	50-206		9002010394	50-445
	9002020107	50-206		9002010394	50-445
	9002020107	50-206		9002010399	50-445
	9002020107	50-206		9002010399	50-445
	9002050096	50-206		9002020023	50-445
	9002050096	50-206		9002020023	50-445
	9002050096	50-206		9002020029*	50-445
	9002050096	50-206		9002020029*	50-445
	9002070120	50-206			
	9002070183	50-206		9002020070	50-445
	9002070475	50-206		9002020070	50-445
	9002070475	50-206		9002020074	50-445
	9002070475	50-206		9002020074	50-445
	9002070476	50-206		9002050268	50-445
	9002080104	50-206		9002050268	50-445
	9002080179	PR		9002060387	50-445
	9002080382	50-206		9002070016	50-445
	9002090039	50-206		9002070016	50-445
	9002090039	50-206		9002070017	50-445
	9002090039	50-206		9002070017	50-445
	9002130218	50-361		9002080096	50-445
	9002130271	50-206		9002120230	70-2932
	9002130314	50-206		9002120233	50-445
	9002140020	50-206		9002120245	50-445
	9002150314	50-361		9002120245	50-445
	9002150314	50-361		9002120278	50-445
	9002150319	50-361		9002120278	50-445
	9002150319	50-361		9002130067	50-445
	9002220051	50-362		9002130067	50-445
	9002220057*	50-362		9002130090	50-445
	9002220062*	50-362		9002150181	50-445
	9002220067	50-361		9002150185	50-445
	9002220067	50-361		9002150185	50-445

# 252 CORPORATE SOURCE INDEX

AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY		
Tenneco, Inc. Tennessee Valley Authority	9002220741	50-445	Q	9002220681	50-328	S	
	9002220741	50-445		9002230103	PR		
	9002230184	50-445	F	9002230230	PR		
	9002130164	PR		9002230259	50-327	F	
	8911270024	50-390	S	9002230259	50-327	F	
	9001290041	50-260	P	Texas, State of	9002080275	PR	
	9001290055	50-438	Q		9002220599	50-445	M
	9001300044	50-390	S		9002230326	PR	
	9001300211	50-259	F	Texas, Univ. of, Austin, TX	9002230501	50-602	A
	9001300211	50-259	F		9002230509*	50-602	A
	9001300322	50-327	P	Thelen, Marrin, Johnson & Bridges	9002060342	50-206	P
	9001300322	50-327	P	Therapy Services, Inc.	9002140085	71-529	
	9001300325*	50-327	P		9002140091*	71-529	
	9001300325*	50-327	P		9002140139*	71-529	
	9001310189	50-259	P	Toledo Edison Co.	9001310163*	50-346	P
	9001310189	50-259	P		9001310470	50-346	Q
	9001310189	50-259	P		9002020198	50-346	K
	9001310189	50-259	P		9002020214*	50-346	K
	9001310189	50-259	P		9002090318	50-346	S
	9001310189	50-259	P		9002120091	50-346	F
	9001310189	50-259	P		9002120179	50-346	V
	9001310189	50-259	P		9002130169	50-346	F
	9001310189	50-259	P		9002130181	50-346	F
	9002010068	40-1341			9002130362	50-346	P
	9002010197	50-259	H		9002130366	50-346	P
	9002010197	50-259	H		9002130368*	50-346	P
	9002010197	50-259	H		9002130369*	50-346	P
	9002010197	50-259	H		9002130375	50-346	P
	9002010197	50-259	H		9002130378*	50-346	P
	9002010197	50-259	H		9002160190*	50-346	P
	9002010197	50-259	H		9002220225	50-346	R
	9002010197	50-259	H		9002220743	50-346	P
	9002010204	50-327	Q		9002220745*	50-346	P
	9002010204	50-327	Q		9002230029	50-346	Q
	9002010230	50-327	Q		9002230034	50-346	Q
	9002020016	50-327	P	Tomar, Simonoff, Adourian & O'Brien	9002230227	50-346	Q
	9002020016	50-327	P	(formerly Tomar, Parks, Seliger, Simono	9002050091	40-7102	
	9002020018*	50-327	P	Townsend & Bottum, Inc.			
	9002020018*	50-327	P	Transnuclear, Inc.	9002010434	71-78	
	9002020121	50-259	S		9001300443	71-9233	
	9002060007*	50-259	P		9002020020	XPORTLIC	
	9002060034	50-327	F		9002020021*	XPORTLIC	
	9002060034	50-327	F		9002070258	XPORTLIC	
	9002060210	50-259	P		9002070266*	XPORTLIC	
	9002060210	50-259	P		9002080144*	XPORTLIC	
	9002060210	50-259	P	Transportation, Dept. of	9002080319	PR	
	9002060210	50-259	P		9002220200	71-3011	
	9002060210	50-259	P	Troutman, Sanders, Lockerman & Ashmore	9002220667	71-3010	
	9002060210	50-259	P	Tulsa Gamma Ray, Inc.	9001290224	50-321	P
	9002060210	50-259	P		9002080256	PR	
	9002060210	50-259	P	U.S. Ecology, Inc. (formerly Nuclear	9001250156	WASTE MGT	
	9002070055	50-260	F	Engineering, Inc.)			
	9002080001	50-259	S		9001250157*	WASTE MGT	
	9002080123	50-327	S		9001300345*	WASTE MGT	
	9002080123	50-327	S		9001300347*	WASTE MGT	
	9002080159	50-259	P		9001300383	27-48	
	9002080159	50-259	P		9002050218	27-48	
	9002080159	50-259	P		9002050245	27-48	
	9002080159	50-259	P		9002060043	27-48	
	9002080159	50-259	P		9002120120	27-48	
	9002080159	50-259	P		9002120125	27-48	
	9002080159	50-259	P		9002120371	27-48	
	9002080159	50-259	P		9002220296	27-48	
	9002120042	50-327	P	UMETCO Minerals Corp. (subs. of Union	8912140191	40-8681	
	9002120042	50-327	P	Carbide Corp.)			
	9002120176	50-259	S		9001310401	40-8681	
	9002120180*	50-259	S		9002150153*	40-8681	
	9002120315	50-391	A	Union Electric Co.	8911060223	50-483	F
	9002130070	50-390	Q		9001310505	50-483	F
	9002130135	50-260	P		9002070155	50-483	F
	9002140017	50-327	S		9002070163*	50-483	F
	9002140226	50-390	Q		9002090307	50-483	P
	9002140277	50-327	F		9002120103	50-483	P
	9002150155	50-327	P		9002130277	50-483	S
	9002150155	50-327	P		9002140014	50-483	R
	9002150158*	50-327	P		9002150095	50-483	F
	9002150158*	50-327	P		9002220148	50-483	P
	9002220042	50-260	S		9002230111	PR	
	9002220352	50-390	A	United Kingdom, Govt. of	9002230143	50-483	F
	9002220377	50-327	P		9002120283	NUREG	
	9002220377	50-327	P		9002120316	NUREG	
	9002220378*	50-327	P	United Nuclear Corp. (subs. of UNC	9001310100	40-8907	
	9002220378*	50-327	P	Resources, Inc.)			
	9002220382	50-327	P		9001310190	70-371	
	9002220382	50-327	P		9001310195*	70-371	
	9002220385*	50-327	P		9002120195	40-8907	
	9002220385*	50-327	P		9002120318	70-820	
	9002220660	50-259	F		9002130316	70-371	
	9002220660	50-259	F		9002130338	70-371	



AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY		AUTHOR AFFILIATION	ACCESSION NUMBER	SUBJECT CATEGORY	
Uranerz USA, Inc. Vanadium Corporation of America	9002130383	70-371			9002220032	PR	
	9002010088	40-8958			9002220372	50-397	R
	9002050112*	40-7397			9002220598	50-397	Q
	9002060420*	40-1571			9002230437	50-397	P
	9002070110*	40-7397			9002230438*	50-397	P
Vermont Yankee Nuclear Power Corp.	9002070113*	40-7397		Washington State Univ., Pullman, WA	9001310235	50-27	P
	9002070132*	40-7397		Washington, State of	9001290070	27-48	
	9002070395*	40-7397			9001300385	27-48	
	9001310500	50-271	P		9001310162*	CONTRACT	
	9002010376	50-271	P		9002010082	STATE PRO	G
	9002010380*	50-271	P	Washington, Univ. of, Seattle, WA	9002140088	50-139	R
	9002010388*	50-271	P	Waste Management, Inc.	8707220483*	FOIA	
	9002020259	50-271	S	West Co.	9002230158*	FOIA	
	9002120161	50-271	P	West Newbury, MA	9002280217	FOIA	
	9002150141	50-271	R		9002010035	50-443	G
Vermont, State of Veterans Admin. Medical Center, Omaha, N Viking Systems International Virginia Power (Virginia Electric & Powe Co.)	9002220179	50-271	Q	West Valley Nuclear Services Co., Inc.	9002010170	PROJ	
	9001290079*	CONTRACT			9002010334	PROJ	
	9002160164	50-131	R		9002010343*	PROJ	
	8906210101*	50-458	P		9002010344	PROJ	
	9001290001	50-280	F		9002010348*	PROJ	
	9001290001	50-280	F	Western Nuclear, Inc. (subs. of Phelps Dodge Corp.)	9002060316	PROJ	
	9001290001	50-280	F	Western X-Ray, Inc.	9002070386	PROJ	
	9001290001	50-280	F		9002010034	40-1162	
	9001290002*	50-280	F	Westinghouse Electric Corp.	9001290297	71-95	
	9001290002*	50-280	F		9001300119	50-315	S
	9001290002*	50-280	F		9002020148*	XPORTLIC	
	9001290002*	50-280	F		9002020154	XPORTLIC	
	9001290003*	50-280	F		9002020158	XPORTLIC	
	9001290003*	50-280	F		9002020264*	50-247	Q
	9001290003*	50-280	F		9002020291*	50-247	Q
	9001290003*	50-280	F		9002080357*	50-275	Q
	9001290054	50-338	P		9002080361*	50-275	Q
	9001290054	50-338	P		9002080075	TOPREP	
	9001290058*	50-338	P		9002090078*	TOPREP	
	9001290058*	50-338	P		9002090080*	TOPREP	
	9001300076	50-280	Y		9002120281*	71-24	
	9001300076	50-280	Y		9002120303*	50-455	P
	9001300076	50-280	Y		9002120333*	50-395	P
	9001300204	50-280	S		9002150268	50-206	S
	9001300323	50-280	H		9002220357*	50-390	A
	9001300354	50-338	S	Wisconsin Electric Power Co.	9002050277	50-301	Q
	9001310288	50-280	Q		9002090189	50-266	P
	9001310385	50-280	T		9002150005	50-266	R
	9001310385	50-280	T	Wisconsin Public Service Corp.	9001290103	50-305	J
	9002010028	50-281	S		9002010364	50-305	Q
	9002070306	50-280	P		9002050419	50-305	F
	9002080186	50-338	P		9002060045	50-305	P
	9002080186	50-338	P		9002080017	50-305	Q
	9002080189*	50-338	P		9002080109	50-305	P
	9002080189*	50-338	P		9002080110*	50-305	P
	9002080201	50-280	P		9002080214	50-305	P
	9002080201	50-280	P		9002120312*	50-305	P
	9002080203*	50-280	P		9002140274	50-305	R
	9002080203*	50-280	P		9002230378	PR	
	9002080206	50-280	P	Wisconsin, Univ. of, Madison, WI	9002020012	50-158	P
	9002080206	50-280	P	Wolf Creek Nuclear Operating Corp.	9002020210	50-482	Q
	9002140289	50-338	S		9002070413	50-482	P
	9002220365	50-338	S		9002140175	50-482	F
	9002230022	50-338	S		9002220184	50-482	P
	9002230051	50-281	S		9002220190*	50-482	P
Washington Public Power Supply System	9002230083	PR			9002220247	50-482	V
	9001310373	50-305	S		9002220736	50-482	Q
	9002060001	50-397	I	Wyle Laboratories	9002230308	50-482	R
	9002070350	50-397	F		9002120341	NUREG	
	9002080324	50-397	P	Wyoming, State of	9002010081	40-8857	
	9002080326*	50-397	P		9002010283	40-8926	
	9002130069	50-397	S		9002010295	40-8502	
	9002140267	50-397	S		9002120213	40-4492	
	9002150013	50-305	S	Yankee Atomic Electric Co.	9001310228	50-29	Q
	9002160067	50-397	P		9001310389	50-29	P
	9002160068*	50-397	P		9002060169	50-271	F
	9002160139	50-397	P		9002080028	50-29	P
	9002160141*	50-397	P		9002130122*	50-29	Q
					9002220254	50-29	R



## REPORT NUMBER INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-233 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS.

These categories are defined in Appendix B and listed in the Contents. An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

REPORT NUMBER	ACCESSION NUMBER	SUBJECT CATEGORY	OTHER REPORT NUMBER	REPORT NUMBER	ACCESSION NUMBER	SUBJECT CATEGORY	OTHER REPORT NUMBER
10-536-10-0	9002120218*	WASTE MGT		NUREG/CR-5395 V10	9002120143	NUREG	EPRI/NP-6480
10-591-01-00	9002120222*	WASTE MGT		NUREG/CR-5424	9002120292	NUREG	LA-11667-MS
5990-001-230	9002020304*	40-7102		NUREG/CR-5477	9002120348	NUREG	
86-1177306-00	9002220747*	50-346	P	NUREG/CR-5478	9002120284	NUREG	ORNL/TM-11389
89-11-STS-1	9002010348*	PROJ		NUREG/CR-5491	9002120344	NUREG	PNL-7191
89-3	9001310462*	50-395	R	NUREG/CR-5492	9002120277	NUREG	MEA-2088
89-7	9002230513*	WASTE MGT	HLWR	NUREG/CR-5506	9002120234	50-344	P UCID-21831
BAW-1543 ERR R03	9001300284*	50-302	P	NUREG/IA-0012	9002120283	NUREG	GD/PE-N/544
BAW-2096	9002220746*	50-346	P	NUREG/IA-0013	9002120316	NUREG	GD/PE-N/535
DCPRA-08	9001290314*	50-275	P	OIG 89A-9	9002080076	ORG	
DOE-HTGR-88311	9002090212	PROJ		ORNL/NRC/LTR-89/13	9001300186*	TOPREP	
DOE/EIS-0026-FS	9002050088*	WASTE MGT	HLWR	ORO-4014-19	9002140036	50-83	R
DOE/RW-0247	9002070166*	WASTE MGT	HLWR	PL-NF-89-005 R00	9001300047*	50-387	P
DPC-NE-1004	9002070149*	50-269	P	R-89-04-NPS	9002060007*	50-259	P
EEG-43	9001300054*	WASTE MGT	HLWR	SAND85-2037	9002070418*	WASTE MGT	HLWR
EGG-EA-6942 R01	8911160269*	50-213	P TAC 51095	SECY-89-233	8908090106	SECY	
EGG-MS-8403	9002140225*	50-317	Q	SECY-89-341	8911140324	SECY	
EGG-NTA-7423	9001050122*	50-295	P GL-83-28	SECY-89-350	8912050015	SECY	
EGG-NTA-8701	9001220107*	50-395	P TAC 51606	SECY-89-378	9001290182	SECY	
EGG-NTA-8702	9001120312*	50-413	P TAC 65753	SECY-89-380	9001040195	SECY	
EPRI NP-6614	9002120370*	50-369	P	SECY-89-382	9001030318	SECY	
LA-10927-MS	9002070411*	WASTE MGT	HLWR	SECY-89-386	9001100201	COMMISSIO	N
LA-11289-MS	9002070409*	WASTE MGT	HLWR	SECY-90-002	9002230129	SECY	
MIL-W-46374E	9002150284*	FOIA		SECY-90-005	9001240321	SECY	
NUREG-0020 V13 N11	9002120335	NUREG		SECY-90-006	9001110094	COMMISSIO	N
NUREG-0540 V11 N10	9002120142	NUREG		SECY-90-008	9001240322	SECY	
NUREG-1100 V06	9002120328	NUREG		SECY-90-015	9001290254	SECY	
NUREG-1316	9002120148	NUREG		SECY-90-017	9001300102	SECY	
NUREG/BR-0056 V06 N1	9002230153	NUREG		SECY-90-021	9001290264	SECY	
NUREG/CR-2000 V08N12	9002120184	NUREG	ORNL/NSIC-200	SECY-90-023	9001290269	SECY	
NUREG/CR-3668	9002120129	NUREG	BNL-NUREG-51742	SECY-90-032	9002080009*	WASTE MGT	HLWR
NUREG/CR-4214 R01 PI	9002120313	NUREG	SAND85-7185	SECY-90-044	9002220049	50-322	P 2.206
NUREG/CR-4469 V08	9002120167	NUREG	PNL-5711	TNB 8903-01 R01	9002270147*	71-3011	
NUREG/CR-4469 V09	9002120296	NUREG	PNL-5711	TNB 8903-02 R03	9002270142*	71-3011	
NUREG/CR-4550 V01 R1	9002120309	NUREG	SAND86-2084	WCAP-11812	9002020264*	50-247	Q
NUREG/CR-4731 V02	9002120329	NUREG	EGG-2469	WCAP-12416	9002080381*	50-275	Q
NUREG/CR-5189	9002120263	NUREG	PNL-7154	WCAP-12431	9002120303*	50-455	P
NUREG/CR-5307	9002120237	NUREG	PARAMETER IE198	WCAP-12438-A	9002090080*	TOPREP	
NUREG/CR-5368	9002120269	NUREG	BNL-NUREG-52198	WCAP-12464	9002120333*	50-395	P
NUREG/CR-5386	9002120341	NUREG	PNL-6911	WCAP-12500	9002220357*	50-390	A
				YMP/CC-0003 R01	9002220720	WASTE MGT	HLWR





# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENT

Item listed as enclosures are those indicated by an asterisk following the accession number in the indexes. The second column gives the accession number of the principal document under which the enclosure is listed. Knowing the accession number of the principal document, the date issued, and the category enables locating the title listing of the enclosure.

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
7906190586	9002050102	90/01/23	40-7102	8905250278	9002130194	90/02/08	FOIA
7908140357	9002050102	90/01/23	40-7102	8906020259	9002130194	90/02/08	FOIA
7911300323	9002050102	90/01/23	40-7102	8906210101	9002090153	90/01/25	50-458 P
8004290249	9002050102	90/01/23	40-7102	8909140138	9002230175	90/01/31	50-295 P
8006170424	9002050102	90/01/23	40-7102	8911010158	9002230214	90/02/16	FOIA
8006170624	9002050102	90/01/23	40-7102	8911140137	8911020005	89/10/31	50-322 Q
8008250641	9002050102	90/01/23	40-7102	8911160269	9002020089	90/01/18	50-213 P
8411140260	9002230110	90/02/16	FOIA	8912080112	8912080108	89/10/27	40-8027
8411140267	9002230110	90/02/16	FOIA	8912080116	8912080108	89/10/27	40-8027
8501090516	9002230110	90/02/16	FOIA	8912080117	8912080108	89/10/27	40-8027
8501090518	9002230110	90/02/16	FOIA	8912180135	9002230214	90/02/16	FOIA
8501090520	9002230110	90/02/16	FOIA	9001050122	9002140005	90/02/06	50-295 P
8501090522	9002230110	90/02/16	FOIA	9001120312	9002160224	90/02/05	50-413 P
8501090524	9002230110	90/02/16	FOIA	9001170428	9002230110	90/02/16	FOIA
8501090527	9002230110	90/02/16	FOIA	9001220107	9002020187	90/01/19	50-395 P
8501210428	9002230110	90/02/16	FOIA	9001240032	9001240029	90/01/17	50-443 U
8501210433	9002230110	90/02/16	FOIA	9001250157	9001250156	90/01/10	WASTE MGT
8502060379	9002230110	90/02/16	FOIA	9001290002	9001290001	90/01/17	50-280 F
8502060383	9002230110	90/02/16	FOIA	9001290003	9001290001	90/01/17	50-280 F
8502270232	9002230110	90/02/16	FOIA	9001290006	9001290005	90/01/17	50-482 Q
8502270239	9002230110	90/02/16	FOIA	9001290009	9001290008	90/01/02	70-1151
8505240563	9002050102	90/01/23	40-7102	9001290028	9001290026	90/01/12	50-443 P
8506140009	9002230110	90/02/16	FOIA	9001290029	9001290024	90/01/22	CONTRACT
8506140011	9002230110	90/02/16	FOIA	9001290030	9001290027	90/01/22	50-250 H
8507030282	9002050102	90/01/23	40-7102	9001290058	9001290054	90/01/15	50-338 P
8507030293	9002050102	90/01/23	40-7102	9001290063	9001290061	90/01/19	CONTRACT
8605190270	9002140221	90/02/09	50-277 Q	9001290075	9001290071	90/01/22	CONTRACT
8707220481	9002230110	90/02/16	FOIA	9001290079	9001290068	90/01/22	CONTRACT
8707220485	9002230110	90/02/16	FOIA	9001290085	9001290080	90/01/19	71-690
8707220493	9002230110	90/02/16	FOIA	9001290098	9001290096	90/01/17	50-400 H
8708100059	9002020137	90/01/25	FOIA	9001290106	9001290105	90/01/19	50-529 P
8710060126	9002050102	90/01/23	40-8948	9001290113	9001290111	90/01/18	50-341 E
8710060147	9002050102	90/01/23	40-7397	9001290121	9001290116	90/01/08	CONTRACT
8712240090	9002020137	90/01/25	FOIA	9001290124	9001290120	90/01/22	CONTRACT
8801120082	9002050102	90/01/23	FOIA	9001290127	9001290125	89/11/13	CONTRACT
8802240381	9002020137	90/01/25	FOIA	9001290132	9001290129	89/11/29	CONTRACT
8803220149	9002020137	90/01/25	FOIA	9001290142	9001290136	90/01/22	CONTRACT
8803220156	9002020137	90/01/25	FOIA	9001290151	9001290146	90/01/22	CONTRACT
8803220162	9002020137	90/01/25	FOIA	9001290159	9001290155	90/01/18	50-443 T
8803220282	9002020137	90/01/25	FOIA	9001290181	9001290158	90/01/22	CONTRACT
8807270182	9002130194	90/02/08	50-10 Q	9001290184	9001290162	90/01/19	50-348 P
8807270224	9002130194	90/02/08	FOIA	9001290204	9001290200	90/01/23	CONTRACT
8808230052	9002140221	90/02/09	FOIA	9001290205	9001290203	90/01/19	71-115
8810210189	9002020137	90/01/25	FOIA	9001290210	9001290193	90/01/04	50-373 Q
8812290023	9002130194	90/02/08	FOIA	9001290211	9001290207	90/01/17	CONTRACT
8901060030	9002130194	90/02/08	FOIA	9001290218	9001290213	90/01/19	XPORTLIC
8901110379	9002130194	90/02/08	FOIA	9001290220	9001290213	90/01/19	XPORTLIC
8901240163	9002130194	90/02/08	FOIA	9001290232	9001290227	90/01/22	ORG
8901240247	9002020137	90/01/25	FOIA	9001290238	9001290235	90/01/23	71-384
8901240380	9002130194	90/02/08	FOIA	9001290240	9001290235	90/01/23	71-384
8901310248	9002020137	90/01/25	FOIA	9001290243	9001290236	90/01/11	50-602
8902020007	9002130194	90/02/08	FOIA	9001290246	9001290239	90/01/15	50-265
8903020228	9002130194	90/02/08	FOIA	9001290272	9001290267	90/01/12	NUREG
8904260436	9002140221	90/02/09	FOIA	9001290311	9001290304	90/01/19	50-275 P
8904260441	9002140221	90/02/09	FOIA	9001290314	9001290304	90/01/19	50-275 P
8904260443	9002140221	90/02/09	FOIA	9001300011	9001300010	90/01/22	27-48
8904260446	9002140221	90/02/09	FOIA	9001300013	9001300012	90/01/22	50-313
8904270075	9002140221	90/02/09	FOIA	9001300015	9001300012	90/01/22	50-313
8904280054	9002020137	90/01/25	FOIA	9001300021	9001300019	90/01/22	50-382
8905190180	8905190188	89/05/05	CONTRACT	9001300023	9001300019	90/01/22	50-382

## 258 CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9001300036	9001300033	90/01/18	50-341 P	9001310168	9001310161	90/01/22	50-263 Q
9001300037	9001300033	90/01/18	50-341 P	9001310170	9001310166	90/01/25	CONTRACT
9001300047	9001300042	90/01/22	50-387 P	9001310178	9001310175	90/01/25	CONTRACT
9001300054	9001300051	90/01/23	WASTE MGT	9001310185	9001310190	90/01/19	70-371
9001300089	9001300086	90/01/18	50-237 Q	9001310203	9001310192	90/01/12	50-445 F
9001300100	9001300098	90/01/09	50-413 V	9001310240	9001310237	90/01/24	50-295 Q
9001300107	9001300097	90/01/22	50-250 H	9001310246	9001310244	90/01/12	50-315 Q
9001300109	9001300103	90/01/12	50-255 P	9001310248	9001310245	90/01/24	50-341 Q
9001300113	9001300105	90/01/22	50-312 P	9001310249	9001310244	90/01/12	50-315 Q
9001300116	9001300111	90/01/25	WASTE MGT	9001310251	9001310245	90/01/24	50-341 Q
9001300130	9001300122	90/01/12	50-166 Q	9001310262	9001310259	90/01/22	50-317 V
9001300131	9001300125	90/01/16	50-498 P	9001310263	9001310260	90/01/23	50-335 Q
9001300134	9001300132	90/01/18	50-213 P	9001310266	9001310260	90/01/23	50-335 Q
9001300140	9001300126	90/01/22	50-255 Q	9001310273	9001310271	90/01/19	50-321 P
9001300144	9001300138	90/01/04	50-373 Q	9001310276	9001310270	90/01/23	50-155 P
9001300146	9001300142	90/01/18	50-259 Q	9001310282	9001310279	90/01/19	50-286 Q
9001300148	9001300139	90/01/16	50-498 Q	9001310284	9001310283	90/01/23	50-324 Q
9001300151	9001300142	90/01/18	50-259 Q	9001310287	9001310279	90/01/19	50-286 Q
9001300155	9001300142	90/01/18	50-259 Q	9001310298	9001310295	90/01/23	50-369 P
9001300158	9001300082	90/01/10	50-461 R	9001310326	9001310324	90/01/24	50-285 P
9001300168	9001300164	90/01/18	50-259 Q	9001310328	9001310324	90/01/24	50-285 P
9001300174	9001300173	90/01/15	50-269 R	9001310332	9001310329	90/01/22	QA999
9001300176	9001300173	90/01/15	50-269 R	9001310353	9001310337	90/01/16	40-1852
9001300186	9001300184	90/01/22	TOPREP	9001310367	9001310363	90/01/18	70-1100
9001300195	9001300181	90/01/17	50-286 P	9001310370	9001310363	90/01/18	70-1100
9001300196	9001300192	90/01/19	50-213 Q	9001310372	9001310363	90/01/18	70-1100
9001300226	9001300222	90/01/12	50-397 Q	9001310374	9001310360	89/12/28	50-321 Q
9001300228	9001300222	90/01/12	50-397 Q	9001310386	9001310360	89/12/28	50-321 Q
9001300229	9001300225	90/01/10	50-320 Q	9001310392	9001310360	89/12/28	50-321 Q
9001300236	9001300231	90/01/11	50-397 Q	9001310411	9001310342	90/01/24	50-285 P
9001300239	9001300212	90/01/15	50-369 R	9001310414	9001310342	90/01/24	50-285 P
9001300243	9001300212	90/01/15	50-369 R	9001310423	9001310421	90/01/22	QA999
9001300248	9001300241	90/01/22	50-237 P	9001310428	9001310421	90/01/22	QA999
9001300256	9001300242	90/01/04	50-454 P	9001310431	9001310421	90/01/22	QA999
9001300284	9001300278	90/01/10	50-302 Q	9001310436	9001310432	90/01/25	50-344 P
9001300292	9001300280	90/01/16	50-395 V	9001310438	9001310435	90/01/23	50-54 Q
9001300297	9001300285	90/01/23	50-461 P	9001310440	9001310430	90/01/16	50-373 Q
9001300298	9001300283	90/01/19	50-245 P	9001310442	9001310432	90/01/25	50-344 Q
9001300302	9001300300	90/01/18	50-263 Q	9001310444	9001310435	90/01/23	50-54 Q
9001300316	9001300317	90/01/23	50-220 Q	9001310448	9001310430	90/01/16	50-373 Q
9001300320	9001300317	90/01/23	50-220 Q	9001310462	9001310455	90/01/24	50-395 Q
9001300325	9001300322	90/01/22	50-327 P	9001310469	9001310465	90/01/22	50-247 Q
9001300333	9001300329	90/01/23	50-333 Q	9001310486	9001310473	90/01/24	71-179 Q
9001300345	9001250156	90/01/10	WASTE MGT	9001310494	9001310491	90/01/23	50-326 Q
9001300347	9001250156	90/01/10	WASTE MGT	9001310503	9001310499	90/01/24	50-155 Q
9001300367	9001300365	90/01/22	50-320 P	9001310530	9001310527	90/01/22	50-272 P
9001300370	9001300365	90/01/22	50-320 P	9002010016	9001310510	90/01/24	50-373 P
9001300371	9001300327	90/01/15	50-413 P	9002010022	9002010020	90/01/25	50-219 P
9001300373	9001300327	90/01/15	50-413 P	9002010044	9002010041	90/01/25	50-346 P
9001300382	9001300380	90/01/10	50-261 P	9002010049	9002010041	90/01/25	50-346 P
9001300399	9001300394	90/01/12	50-361 P	9002010052	9002010047	90/01/19	40-8584 P
9001300402	9001300394	90/01/12	50-361 P	9002010053	9002010047	90/01/19	40-8584 P
9001300436	9001300432	90/01/16	50-237 P	9002010057	9002010056	90/01/22	50-499 P
9001300442	9001300438	90/01/19	50-259 Q	9002010074	9002010068	90/01/05	40-1341 F
9001300468	9001300459	90/01/18	50-280 Q	9002010097	9002010096	90/01/26	50-267 F
9001300487	9001300482	90/01/23	50-250 H	9002010114	9002010108	90/01/04	50-277 F
9001300489	9001300482	90/01/23	50-250 H	9002010118	9002010113	90/01/26	50-443 P
9001300503	9001300496	90/01/03	50-321 V	9002010131	9002010128	90/01/26	50-285 P
9001310002	9001310001	90/01/19	50-302 Q	9002010135	9002010128	90/01/26	50-285 P
9001310004	9001310003	90/01/11	50-395 Q	9002010147	9002010138	90/01/16	70-27 P
9001310008	9001310007	90/01/17	50-213 Q	9002010148	9002010140	90/01/24	40-2061 P
9001310019	9001310018	90/01/19	50-293 Q	9002010149	9002010142	90/01/24	50-443 P
9001310020	9001310018	90/01/19	50-293 Q	9002010151	9002010128	90/01/26	50-285 P
9001310022	9001310021	90/01/22	50-354 Q	9002010158	9002010140	90/01/24	40-2061 F
9001310029	9001310026	90/01/10	50-443 V	9002010181	9002010160	90/01/22	50-483 F
9001310069	9001310061	90/01/19	XPORTLIC	9002010171	9002010166	90/01/24	50-295 Q
9001310083	9001310081	90/01/23	50-335 Q	9002010172	9002010168	90/01/26	50-387 P
9001310087	9001310081	90/01/23	50-335 Q	9002010174	9002010168	90/01/26	50-387 P
9001310095	9001310083	90/01/24	50-269 P	9002010176	9002010169	90/01/10	50-413 P
9001310096	9001310082	90/01/23	50-280 Q	9002010182	9002010180	90/01/23	50-27 P
9001310099	9001310082	90/01/23	50-280 Q	9002010184	9002010180	90/01/23	50-346 Q
9001310106	9001310103	90/01/19	50-219 Q	9002010189	9002010187	90/01/23	50-346 Q
9001310108	9001310100	89/12/22	40-6907 Q	9002010192	9002010187	90/01/23	50-346 Q
9001310112	9001310109	90/01/23	50-424 Q	9002010211	9002010209	90/01/19	70-1100
9001310129	9001310121	90/01/19	50-369 Q	9002010221	9002010218	90/01/26	CONTRACT
9001310134	9001310132	90/01/10	50-155 Q	9002010245	9002010244	90/01/22	50-250 Q
9001310135	9001310133	90/01/25	CONTRACT	9002010246	9002010244	90/01/22	50-250 Q
9001310138	9001310100	89/12/22	40-6907 Q	9002010255	9002010252	90/01/09	50-400 Q
9001310143	9001310140	90/01/23	50-341 Q	9002010268	9002010264	90/01/30	CONTRACT
9001310144	9001310140	90/01/23	50-341 Q	9002010281	9002010272	90/01/25	CONTRACT
9001310146	9001310142	90/01/25	CONTRACT	9002010286	9002010242	90/01/22	REVIEW GR P
9001310150	9001310147	90/01/24	50-481 Q	9002010288	9002010273	90/01/29	50-269 Y
9001310153	9001310149	90/01/25	CONTRACT	9002010294	9002010273	90/01/29	50-269 Y
9001310158	9001310124	90/01/26	71-691	9002010318	9002010315	90/01/03	CONTRACT
9001310159	9001310124	90/01/26	71-691	9002010320	9002010307	90/01/29	CONTRACT
9001310162	9001310155	90/01/25	CONTRACT	9002010321	9002010317	90/01/23	50-413 Q
9001310163	9001310157	90/01/24	50-346 P	9002010325	9002010322	90/01/20	50-309 Q

## CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS 259

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9002010328	9002010327	90/01/25	50-275 P	9002050005	9002020322	90/02/02	WASTE MGT
9002010330	9002010327	90/01/25	50-275 P	9002050012	9002050011	90/01/23	50-498 Q
9002010340	9002010338	90/01/25	50-445 P	9002050014	9002050011	90/01/23	50-498 Q
9002010341	9002010339	90/01/26	50-440 P	9002050015	9002050013	90/01/23	50-272 Q
9002010343	9002010334	89/08/03	PROJ	9002050018	9002050016	90/01/24	50-244 Q
9002010348	9002010344	89/12/28	PROJ	9002050019	9002050016	90/01/24	50-244 Q
9002010354	9002010335	90/01/18	40-8902	9002050028	9002050026	90/01/30	50-361 P
9002010372	9002010369	90/01/19	50-289	9002050030	9002050027	90/01/04	50-443 H
9002010378	9002010376	90/01/16	50-271 P	9002050036	9002050029	90/01/24	50-354 P
9002010380	9002010376	90/01/16	50-271 P	9002050044	9002050041	90/01/09	ORG
9002010385	9002010273	90/01/29	50-289 Y	9002050055	9002050052	90/01/11	PRM
9002010386	9002010382	90/01/17	50-346 P	9002050063	9002050060	90/01/11	PRM
9002010388	9002010376	90/01/16	50-271 P	9002050064	9002050057	90/01/25	50-400 P
9002010424	9002010420	90/01/23	50-498 P	9002050069	9002050068	90/01/11	PRM
9002010427	9002010417	90/01/18	50-320 P	9002050079	9002050075	90/01/17	50-390 Q
9002010441	9002010422	90/01/23	XPORTLIC	9002050088	9002050084	90/02/05	WASTE MGT
9002020002	9002020001	90/01/16	50-397 Q	9002050090	9002050087	90/01/11	PRM
9002020006	9002020004	90/01/22	XPORTLIC	9002050094	9002050093	90/01/30	CONTRACT
9002020008	9002020004	90/01/22	XPORTLIC	9002050104	9002050103	90/01/17	PRM
9002020013	9002020011	90/01/22	XPORTLIC	9002050110	9002050108	90/01/26	PRM
9002020015	9002020011	90/01/22	XPORTLIC	9002050112	9002050102	90/01/23	40-7397
9002020018	9002020016	90/01/24	50-327 P	9002050120	9002050117	90/01/11	PR
9002020019	9002020017	90/01/11	50-320 Q	9002050124	9002050102	90/01/23	40-7397
9002020021	9002020020	90/01/22	XPORTLIC	9002050127	9002050125	90/01/18	COMMISSIO N
9002020027	9002020025	90/01/16	50-312 Q	9002050132	9002050129	90/01/16	COMMISSIO N
9002020029	9002020023	90/01/24	50-445 A	9002050138	9002050129	90/01/16	COMMISSIO N
9002020032	9002020030	90/01/19	50-219 P	9002050143	9002050129	90/01/16	COMMISSIO N
9002020052	9002020038	90/01/19	COMMISSIO N	9002050146	9002050129	90/01/16	COMMISSIO N
9002020054	9002020010	90/01/26	50-344 S	9002050150	9002050102	90/01/23	40-7397
9002020061	9002020057	90/01/22	50-213 P	9002050151	9002050129	90/01/16	COMMISSIO N
9002020101	9002020099	90/01/18	50-213 P	9002050158	9002050102	90/01/23	40-8948
9002020113	9002020082	90/01/29	50-220 T	9002050161	9002050159	90/01/16	XPORTLIC
9002020126	9002020082	90/01/29	50-220 T	9002050173	9002050102	90/01/23	40-7397
9002020131	9002020082	90/01/29	50-220 T	9002050177	9002050174	90/01/18	50-346 V
9002020133	9002020062	90/01/29	50-220 T	9002050189	9002050186	90/01/19	COMMISSIO N
9002020134	9002020062	90/01/29	50-220 T	9002050190	9002050102	90/01/23	40-8948
9002020135	9002020062	90/01/29	50-220 T	9002050195	9002050186	90/01/19	COMMISSIO N
9002020139	9002020062	90/01/29	50-220 T	9002050197	9002050186	90/01/19	COMMISSIO N
9002020141	9002020062	90/01/29	50-220 T	9002050199	9002050102	90/01/23	40-7397
9002020143	9002020062	90/01/29	50-220 T	9002050201	9002050186	90/01/19	COMMISSIO N
9002020145	9002020062	90/01/29	50-220 T	9002050205	9002050186	90/01/19	COMMISSIO N
9002020148	9002020125	90/01/24	XPORTLIC	9002050206	9002050186	90/01/19	COMMISSIO N
9002020156	9002020151	89/12/21	CONTRACT	9002050208	9002050186	90/01/19	COMMISSIO N
9002020159	9002020149	90/01/29	50-247 P	9002050209	9002050186	90/01/19	COMMISSIO N
9002020160	9002020151	89/12/21	CONTRACT	9002050215	9002050102	90/01/23	40-8948
9002020163	9002020151	89/12/21	CONTRACT	9002050222	9002050102	90/01/23	FOIA
9002020164	9002020151	89/12/21	CONTRACT	9002050228	9002050102	90/01/23	40-8948
9002020167	9002020162	90/01/22	50-313 Q	9002050235	9002050102	90/01/23	FOIA
9002020172	9002020137	90/01/25	50-344 Q	9002050237	9002050236	90/01/24	50-285 R
9002020189	9002020185	90/01/29	50-346 Q	9002050240	9002050102	90/01/23	40-8948
9002020212	9002020206	90/01/22	50-219 Q	9002050242	9002050102	90/01/23	40-7102
9002020214	9002020198	90/01/29	50-346 K	9002050244	9002050241	90/01/23	50-29 P
9002020224	9002020221	90/01/25	50-305 P	9002050246	9002050241	90/01/23	50-29 P
9002020227	9002020219	90/01/19	CONTRACT	9002050247	9002050102	90/01/23	40-7102
9002020228	9002020226	90/01/17	50-269 Q	9002050250	9002050102	90/01/23	40-7102
9002020232	9002020226	90/01/17	50-269 Q	9002050253	9002050251	90/01/31	71-280
9002020246	9002020241	90/01/30	FOIA	9002050254	9002050102	90/01/23	40-7102
9002020249	9002020241	90/01/30	FOIA	9002050256	9002050251	90/01/31	71-280
9002020250	9002020247	90/01/26	50-298 P	9002050258	9002050257	90/01/24	50-397 Q
9002020264	9002020256	90/01/19	50-247 Q	9002050273	9002050102	90/01/23	40-7102
9002020265	9002020260	90/01/30	FOIA	9002050274	9002050272	90/01/26	50-321 P
9002020266	9002020260	90/01/30	FOIA	9002050290	9002050287	90/01/26	50-287 Q
9002020271	9002020260	90/01/30	FOIA	9002050296	9002050294	90/01/29	50-285 Q
9002020276	9002020216	90/01/22	50-400 P	9002050307	9002050102	90/01/23	40-7102
9002020277	9002020260	90/01/30	FOIA	9002050313	9002050102	90/01/23	40-7102
9002020279	9002020260	90/01/30	FOIA	9002050317	9002050102	90/01/23	40-7102
9002020280	9002020260	90/01/30	FOIA	9002050322	9001240029	90/01/17	50-443 U
9002020282	9002020260	90/01/30	FOIA	9002050325	9001240029	90/01/17	50-443 U
9002020283	9002020260	90/01/30	FOIA	9002050327	9001240029	90/01/17	50-443 U
9002020284	9002020260	90/01/30	FOIA	9002050331	9001240029	90/01/17	50-443 U
9002020286	9002020260	90/01/30	FOIA	9002050333	9001240029	90/01/17	50-443 U
9002020290	9002020260	90/01/30	FOIA	9002050335	9001240029	90/01/17	50-443 U
9002020291	9002020256	90/01/19	50-247 Q	9002050339	9001240029	90/01/17	50-443 U
9002020292	9002020260	90/01/30	FOIA	9002050340	9001240029	90/01/17	50-443 U
9002020293	9002020260	90/01/30	FOIA	9002050341	9001240029	90/01/17	50-443 U
9002020296	9002020260	90/01/30	FOIA	9002050343	9001240029	90/01/17	50-443 U
9002020298	9002020260	90/01/30	FOIA	9002050344	9002050285	90/01/24	50-333 P
9002020300	9002020260	90/01/30	FOIA	9002050345	9002050102	90/01/23	40-7102
9002020301	9002020260	90/01/30	FOIA	9002050346	9001240029	90/01/17	50-443 U
9002020304	9002020302	90/01/29	40-7102	9002050349	9002050285	90/01/24	50-333 P
9002020306	9002020260	90/01/30	FOIA	9002050350	9001240029	90/01/17	50-443 U
9002020308	9002020260	90/01/30	FOIA	9002050351	9002050285	90/01/24	50-333 P
9002020310	9002020260	90/01/30	FOIA	9002050352	9002050348	90/01/25	50-267 P
9002020311	9002020260	90/01/30	FOIA	9002050353	9002050285	90/01/24	50-333 P
9002020313	9002020260	90/01/30	FOIA	9002050357	9002050285	90/01/24	50-333 P
9002020915	9002020260	90/01/30	FOIA	9002050358	9001240029	90/01/17	50-443 U
9002020320	9002020317	90/01/29	PROJ	9002050359	9002050348	90/01/25	50-267 P

## 260 CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9002050365	9002050102	90/01/23	40-7102	9002060252	9002050102	90/01/23	40-7102
9002050373	9002050102	90/01/23	40-7102	9002060255	9002050102	90/01/23	40-7102
9002050379	9002050375	90/01/29	50-280	9002060259	9002050102	90/01/23	40-7102
9002050380	9002050368	90/01/24	QA999	9002060267	9002060263	90/01/31	TOPREP
9002050381	9002050102	90/01/23	40-7102	9002060273	9002050102	90/01/23	40-7102
9002050384	9002050375	90/01/29	50-280	9002060276	9002050102	90/01/23	40-7102
9002050389	9002050383	90/01/26	50-352	9002060280	9002050102	90/01/23	40-7102
9002050394	9002050102	90/01/23	40-7102	9002060284	9002050102	90/01/23	40-7102
9002050404	9002050401	90/01/12	50-400	9002060290	9002060289	90/02/01	WASTE MGT
9002050407	9002050102	90/01/23	40-8610	9002060300	9002060297	90/01/26	50-272
9002050408	9002050401	90/01/12	50-400	9002060308	9002050102	90/01/23	40-7102
9002050410	9002050102	90/01/23	40-7102	9002060313	9002050102	90/01/23	40-7102
9002050415	9002050102	90/01/23	40-7102	9002060320	9002050102	90/01/23	40-7102
9002050422	9002050102	90/01/23	40-7102	9002060329	9002060324	90/01/25	50-272
9002050425	9002050369	90/01/25	50-528	9002060330	9002050102	90/01/23	40-7102
9002050426	9002050102	90/01/23	40-7102	9002060334	9002050102	90/01/23	40-7102
9002050429	9002050102	90/01/23	40-7102	9002060337	9002060328	90/01/30	50-267
9002050430	9002050102	90/01/23	40-7102	9002060339	9002060336	90/01/26	50-341
9002050434	9002050102	90/01/23	40-7102	9002060345	9002060344	90/01/31	50-298
9002050440	9002050102	90/01/23	40-7102	9002060349	9002050102	90/01/23	40-7102
9002050442	9002050102	90/01/23	40-7102	9002060350	9002060346	90/01/26	71-341
9002060004	9002060003	90/01/26	50-219	9002060356	9002050102	90/01/23	40-7102
9002060006	9002060005	90/01/23	50-387	9002060359	9002060353	90/01/23	50-334
9002060007	9002050413	90/01/19	50-259	9002060361	9002060353	90/01/23	50-334
9002060010	9001240149	90/01/15	50-368	9002060362	9002060357	90/01/26	50-244
9002060011	9002060009	90/01/26	50-247	9002060364	9002060358	90/01/26	71-277
9002060016	9002060014	90/01/16	50-331	9002060365	9002050102	90/01/23	40-7102
9002060020	9002060017	90/01/12	50-266	9002060370	9002060366	90/01/24	50-322
9002060032	9002050102	90/01/23	40-7102	9002060371	9002050102	90/01/23	40-7102
9002060037	9002060024	90/01/31	FOIA	9002060376	9002050102	90/01/23	40-7102
9002060040	9002050102	90/01/23	40-7102	9002060378	9002060375	90/01/24	50-220
9002060047	9002050102	90/01/23	40-7102	9002060379	9002060368	90/01/26	71-689
9002060055	9002060054	90/01/26	50-285	9002060384	9002050102	90/01/23	40-7102
9002060056	9002060054	90/01/26	50-285	9002060386	9002060383	90/01/30	50-272
9002060058	9002050102	90/01/23	40-7102	9002060388	9002060385	90/01/31	50-282
9002060060	9002060052	90/01/30	50-445	9002060391	9002060383	90/01/30	50-272
9002060062	9002060052	90/01/30	50-445	9002060397	9002050102	90/01/23	40-7102
9002060065	9002060061	90/01/26	50-395	9002060400	9002060395	90/01/24	50-327
9002060066	9002060052	90/01/30	50-445	9002060402	9002050102	90/01/23	40-7102
9002060069	9002060063	90/01/25	CONTRACT	9002060404	9002050102	90/01/23	40-7102
9002060071	9002050102	90/01/23	40-7102	9002060406	9002050102	90/01/23	40-7102
9002060075	9002060067	90/01/19	COMMISSIO	9002060408	9002050102	90/01/23	40-7102
9002060079	9002050102	90/01/23	40-7102	9002060410	9002050102	90/01/23	40-7102
9002060081	9002060074	90/01/25	CONTRACT	9002060412	9002050102	90/01/23	40-7102
9002060082	9002060077	90/01/25	CONTRACT	9002060415	9002050102	90/01/23	40-7102
9002060083	9002060080	90/01/12	50-280	9002060416	9002050102	90/01/23	40-7102
9002060087	9002060084	90/01/23	CONTRACT	9002060418	9002050102	90/01/23	40-7102
9002060090	9002060052	90/01/30	50-445	9002060419	9002050102	90/01/23	40-7397
9002060091	9002060086	90/01/19	COMMISSIO	9002060420	9002050102	90/01/23	40-1571
9002060094	9002060089	90/01/12	50-302	9002060421	9002050102	90/01/23	40-7397
9002060097	9002060096	90/01/23	50-369	9002060422	9002050102	90/01/23	40-7397
9002060107	9002060106	90/01/23	50-413	9002070012	9002070011	90/02/01	50-341
9002060109	9002060106	90/01/23	50-413	9002070039	9002070037	90/01/31	71-6003
9002060115	9002060110	90/01/25	CONTRACT	9002070040	9002070038	90/01/30	QA999
9002060120	9002050102	90/01/23	40-7102	9002070041	9002050102	90/01/23	40-7102
9002060133	9002050102	90/01/23	40-7102	9002070042	9002070038	90/01/30	QA999
9002060135	9002050102	90/01/23	FOIA	9002070047	9002050102	90/01/23	40-7102
9002060136	9002060086	90/01/19	COMMISSIO	9002070053	9002050102	90/01/23	40-7397
9002060139	9002050102	90/01/23	FOIA	9002070065	9002050102	90/01/23	40-7102
9002060148	9002060146	90/01/22	50-320	9002070074	9002070068	90/01/29	50-324
9002060155	9002060150	90/01/19	50-269	9002070082	9002050102	90/01/23	40-7397
9002060158	9002060150	90/01/19	50-269	9002070083	9002070079	90/01/24	50-286
9002060159	9002050360	90/01/29	50-322	9002070086	9002070079	90/01/24	50-286
9002060160	9002060157	90/01/31	71-260	9002070088	9002050102	90/01/23	40-7397
9002060164	9002060163	90/01/31	71-319	9002070098	9002070087	90/01/26	50-461
9002060170	9002060167	90/01/31	71-526	9002070100	9002070097	90/01/26	50-413
9002060173	9002050102	90/01/23	40-7102	9002070104	9002050102	90/01/23	40-7102
9002060175	9002060172	90/01/31	71-687	9002070107	9002070087	90/01/26	50-461
9002060177	9002060174	90/01/18	50-269	9002070110	9002050102	90/01/23	40-7397
9002060182	9002050102	90/01/23	40-7102	9002070113	9002050102	90/01/23	40-7397
9002060188	9002060184	90/01/03	50-397	9002070117	9002050102	90/01/23	40-7397
9002060197	9002050102	90/01/23	40-7102	9002070119	9002050102	90/01/23	40-7397
9002060198	9002060191	90/01/25	50-458	9002070128	9002070125	90/01/30	50-285
9002060204	9002050102	90/01/23	40-7102	9002070129	9002070127	90/01/30	50-311
9002060209	9002060206	90/01/26	71-9217	9002070131	9002070127	90/01/30	50-311
9002060211	9002060206	90/01/26	71-9217	9002070132	9002050102	90/01/23	40-7397
9002060217	9002050102	90/01/23	40-7102	9002070137	9002070136	90/01/29	50-416
9002060218	9002060196	90/01/24	50-267	9002070145	9002050102	90/01/23	40-7102
9002060221	9002060196	90/01/24	50-267	9002070148	9002070141	90/01/30	CONTRACT
9002060225	9002050102	90/01/23	40-7102	9002070149	9002070144	90/01/24	50-269
9002060238	9002050102	90/01/23	40-7102	9002070150	9002050102	90/01/23	40-7102
9002060240	9002060237	90/01/26	50-271	9002070154	9002070152	90/01/31	CONTRACT
9002060242	9002050102	90/01/23	40-7102	9002070156	9002050102	90/01/23	40-7102
9002060245	9002060237	90/01/26	50-271	9002070160	9002050102	90/01/23	40-7102
9002060247	9002050102	90/01/23	40-7102	9002070163	9002070155	90/01/24	50-483
9002060249	9002060243	90/01/18	50-269	9002070166	9002070153	90/02/05	WASTE MGT
9002060251	9002060248	90/01/26	50-341	9002070167	9002050102	90/01/23	40-7397

## CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS 261

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9002070169	9002070165	90/01/30	50-285 Q	9002080095	9002080091	90/01/30	50-483 Q
9002070170	9002070165	90/01/30	50-285 Q	9002080101	9002080097	90/01/28	40-2061
9002070171	9002050102	90/01/23	40-7397	9002080110	9002080109	90/01/28	50-305 P
9002070174	9002070161	90/01/31	CONTRACT	9002080132	9002080126	90/01/22	50-250 G
9002070176	9002070172	90/01/30	50-247 P	9002080134	9002080131	90/01/31	50-309 P
9002070178	9002070165	90/01/30	50-285 Q	9002080140	9002080126	90/01/22	50-250 G
9002070180	9002070172	90/01/30	50-247 P	9002080143	9002080126	90/01/22	50-250 G
9002070181	9002050102	90/01/23	40-7397	9002080144	9002080141	90/02/01	XPORTLIC
9002070186	9002050102	90/01/23	40-7387	9002080147	9002080126	90/01/22	50-250 G
9002070188	9002050102	90/01/23	40-7397	9002080150	9002080126	90/01/22	50-250 G
9002070191	9002070189	90/01/29	50-272 P	9002080152	9002080151	90/01/31	XPORTLIC
9002070192	9002070189	90/01/29	50-272 P	9002080154	9002080126	90/01/22	50-250 G
9002070193	9002070187	90/01/30	CONTRACT	9002080155	9002080126	90/01/22	50-250 G
9002070194	9002050102	90/01/23	40-7102	9002080161	9002080160	90/01/26	50-445 Q
9002070196	9002050102	90/01/23	40-7102	9002080189	9002080186	90/02/01	50-338 P
9002070201	9002070199	90/01/31	50-440 P	9002080203	9002080201	90/02/01	50-280 P
9002070203	9002070199	90/01/31	50-440 P	9002080205	9002080196	90/01/31	CONTRACT
9002070205	9002050102	90/01/23	40-7397	9002080213	9002080208	90/02/01	50-458 Q
9002070211	9002070208	90/01/29	50-220 Q	9002080230	9002080227	90/01/31	CONTRACT
9002070213	9002050102	90/01/23	40-7397	9002080231	9002080157	90/01/25	50-334 R
9002070215	9002070210	90/01/23	50-277 V	9002080233	9002080157	90/01/25	50-334 R
9002070216	9002070212	90/01/26	50-29 Q	9002080270	9002080266	90/01/31	CONTRACT
9002070217	9002070212	90/01/26	50-29 Q	9002080274	9002080271	90/01/22	50-331 F
9002070219	9002070204	90/02/01	50-269 Y	9002080282	9002080267	90/01/30	PR
9002070224	9002050102	90/01/23	40-7102	9002080292	9002080277	90/01/31	50-285 P
9002070232	9002050102	90/01/23	40-7102	9002080294	9002080277	90/01/31	50-285 P
9002070235	9002070233	90/01/25	XPORTLIC	9002080313	9002080311	90/01/26	50-324 P
9002070236	9002050102	90/01/23	40-7102	9002080326	9002080324	90/01/24	50-397 P
9002070240	9002070221	90/02/01	40-7580	9002080334	9002080331	90/01/30	50-312 P
9002070242	9002070239	90/01/30	50-285 P	9002080344	9002080341	90/02/01	50-324 P
9002070243	9002070238	90/01/29	50-245 V	9002080345	9002080331	90/01/30	50-312 P
9002070245	9002050102	90/01/23	40-7102	9002080357	9002080351	90/02/01	50-275 P
9002070248	9002070221	90/02/01	40-7580	9002080361	9002080351	90/02/01	50-275 P
9002070250	9002070247	90/02/01	PROJ	9002080363	9002080358	90/01/31	50-368 P
9002070251	9002050102	90/01/23	40-7102	9002080378	9002080373	90/01/29	50-317 Q
9002070253	9002070221	90/02/01	40-7580	9002080381	9002080375	90/02/01	50-481 V
9002070254	9002070248	90/01/25	XPORTLIC	9002080390	9002080387	90/02/01	50-295 P
9002070256	9002050102	90/01/23	40-7102	9002080392	9002080387	90/02/01	50-295 P
9002070259	9002070255	90/01/24	50-387 Q	9002090002	9002090001	90/01/31	50-237 Q
9002070265	9002070168	90/01/25	50-387 R	9002090006	9002090005	90/02/02	50-440 S
9002070266	9002070258	90/01/25	XPORTLIC	9002090007	9002090005	90/02/02	50-440 S
9002070268	9002050102	90/01/23	40-7397	9002090009	9002090008	90/01/31	50-298 Q
9002070274	9002050102	90/01/23	40-7397	9002090010	9002090008	90/01/31	50-298 Q
9002070276	9002070275	90/01/26	50-277 V	9002090018	9002090016	90/01/31	50-272 P
9002070278	9002050102	90/01/23	40-7102	9002090029	9002090024	90/01/31	50-309 P
9002070283	9002050102	90/01/23	40-7102	9002090031	9002090028	90/01/31	50-354 P
9002070290	9002050102	90/01/23	40-7102	9002090054	9002090047	90/01/31	QA999
9002070304	9002050102	90/01/23	40-7102	9002090057	9002090047	90/01/31	QA999
9002070317	9002050102	90/01/23	40-8948	9002090065	9002090064	90/01/31	50-387 Q
9002070319	9002070316	90/01/30	50-317 Q	9002090068	9002090067	90/01/26	50-320 P
9002070323	9002050102	90/01/23	40-8948	9002090069	9002090067	90/01/26	50-320 P
9002070366	9002070363	90/02/02	WASTE MGT	9002090078	9002090075	90/01/31	TOPREP
9002070369	9002070361	90/01/31	50-277 Q	9002090079	9002090077	90/02/02	XPORTLIC
9002070387	9002070382	90/01/31	50-334 Q	9002090080	9002090075	90/01/31	TOPREP
9002070388	9002070382	90/01/31	50-334 Q	9002090091	9002090086	90/01/16	CONTRACT
9002070395	9002050102	90/01/23	40-7397	9002090094	9002090084	90/01/19	50-250 V
9002070405	9002070397	90/02/01	WASTE MGT	9002090085	9002090089	89/11/30	PROJ
9002070409	9002070397	90/02/01	WASTE MGT	9002090105	9002090103	90/02/01	50-443 P
9002070411	9002070397	90/02/01	WASTE MGT	9002090107	9002090104	90/01/31	50-295 Q
9002070418	9002070397	90/02/01	WASTE MGT	9002090121	9002090119	90/01/24	70-36
9002070429	9002070425	90/01/30	50-259 Q	9002090124	9002090119	90/01/24	70-36
9002070432	9002070425	90/01/30	50-259 Q	9002090125	9002090119	90/01/24	70-36
9002070443	9002050102	90/01/23	40-7102	9002090128	9002090127	90/01/26	70-27
9002070444	9002070436	90/02/02	50-275 Q	9002090129	9002090127	90/01/26	70-27
9002070445	9002070437	90/01/19	50-344 Q	9002090141	9002090025	90/02/02	XPORTLIC
9002070447	9002070437	90/01/19	50-344 Q	9002090142	9002090140	90/01/26	40-8622
9002070448	9002050102	90/01/23	40-7102	9002090154	9002090147	90/01/23	CONTRACT
9002070449	9002070437	90/01/19	50-344 Q	9002090155	9002090153	90/01/25	50-458 P
9002070452	9002070450	90/02/01	50-397 Q	9002090181	9002090157	90/01/29	40-8027
9002070455	9002070453	90/02/06	WASTE MGT	9002090182	9002090157	90/01/29	40-8027
9002070481	9002070453	90/02/06	WASTE MGT	9002090183	9002090157	90/01/29	40-8027
9002070484	9002070453	90/02/06	WASTE MGT	9002090187	9002090157	90/01/29	40-8027
9002070488	9002070486	90/01/31	50-315 P	9002090189	9002090184	90/02/02	70-143
9002080005	9002080003	90/01/31	50-353 Q	9002090170	9002090164	90/02/02	70-143
9002080006	9002080003	90/01/31	50-353 Q	9002090171	9002090165	90/02/01	50-259 Q
9002080009	9002180087	90/02/11	WASTE MGT	9002090176	9002090172	90/01/19	50-313 Q
9002080010	9002080008	90/01/30	50-277 P	9002090177	9002090172	90/01/19	50-313 Q
9002080014	9002080013	90/01/31	50-498 P	9002090181	9002090180	90/02/01	50-498 P
9002080039	9002080008	90/01/30	50-277 G	9002090193	9002090115	90/01/26	50-272 P
9002080040	9002080026	90/02/01	50-443 G	9002090194	9002090115	90/01/26	50-272 P
9002080045	9002080026	90/02/01	50-443 G	9002090217	9002090214	90/01/22	70-1113
9002080068	9002080065	90/01/31	50-443 G	9002090218	9002090214	90/01/22	70-1113
9002080078	9002080073	90/02/06	FOIA	9002090219	9002090214	90/01/22	70-1113
9002080079	9002070363	90/02/02	WASTE MGT	9002090220	9002090201	90/01/23	50-321 Q
9002080080	9002070363	90/02/02	WASTE MGT	9002090256	9002090251	90/01/25	50-315 Q
9002080081	9002070363	90/02/02	WASTE MGT	9002090286	9002090283	90/02/01	50-335 P
9002080084	9002070363	90/02/02	WASTE MGT	9002090291	9002090284	90/02/01	50-324 Y



## 262 CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9002090297	9002090284	90/02/01	50-324 Y	9002130235	9002130194	90/02/08	FOIA
9002090300	9002090284	90/02/01	50-324 Y	9002130238	9002130194	90/02/08	FOIA
9002120012	9002120009	90/01/31	50-369	9002130242	9002130194	90/02/08	FOIA
9002120017	9002090375	90/02/05	70-398	9002130245	9002130194	90/02/08	FOIA
9002120019	9002090375	90/02/05	70-398	9002130252	9002130194	90/02/08	FOIA
9002120057	9002120053	90/01/30	50-335 Q	9002130267	9002130266	90/02/01	50-440 Q
9002120073	9002120064	90/01/17	50-423 Q	9002130270	9002130268	90/02/12	FOIA
9002120075	9002120072	90/02/02	71-691	9002130273	9002130268	90/02/12	FOIA
9002120081	9002120078	90/01/11	CONTRACT	9002130274	9002130194	90/02/08	FOIA
9002120099	9002120095	90/02/05	71-524	9002130276	9002130268	90/02/12	FOIA
9002120112	9002120108	90/01/30	50-255 Q	9002130278	9002130275	90/02/01	50-285 Q
9002120113	9002120108	90/01/30	50-255 Q	9002130279	9002130275	90/02/01	50-285 Q
9002120114	9002120111	90/02/01	50-498 Q	9002130282	9002130281	90/02/02	50-285 Q
9002120115	9002120101	90/02/01	50-259 Q	9002130286	9002130284	90/02/01	50-313 Q
9002120146	9002120145	90/01/31	QA999	9002130288	9002130285	90/01/30	50-348 Q
9002120147	9002120145	90/01/31	QA999	9002130290	9002130284	90/02/01	50-313 Q
9002120149	9002120138	89/12/05	71-159	9002130298	9002130291	90/02/06	50-341 P
9002120155	9002120151	90/01/29	CONTRACT	9002130302	9002130296	90/02/12	FOIA
9002120180	9002120176	90/01/29	50-259 S	9002130305	9002130296	90/02/12	FOIA
9002120186	9002120185	90/02/01	50-285 P	9002130310	9002130310	90/02/02	50-416 P
9002120188	9002120185	90/02/01	50-285 P	9002130318	9002130310	90/02/02	50-416 P
9002120205	9002120202	90/02/09	WASTE MGT	9002130323	9002130287	90/01/29	50-280 P
9002120218	9002120216	90/02/09	WASTE MGT	9002130328	9002130328	90/02/06	50-324 P
9002120222	9002120216	90/02/09	WASTE MGT	9002130333	9002130328	90/02/06	50-324 P
9002120231	9002120227	90/02/08	WASTE MGT	9002130343	9002130337	90/01/24	50-280 P
9002120236	9002120232	90/02/02	50-219 P	9002130345	9002130334	90/02/02	WASTE MGT Q
9002120259	9002120255	90/01/26	50-244 S	9002130357	9002130356	90/01/31	50-416 Q
9002120260	9002120256	90/02/06	50-315 P	9002130358	9002130353	90/02/06	WASTE MGT
9002120273	9002120268	90/02/02	50-155 P	9002130361	9002130356	90/01/31	50-416 Q
9002120275	9002120270	90/01/29	50-269 P	9002130368	9002130366	90/02/01	50-346 P
9002120276	9002120268	90/02/02	50-155 P	9002130369	9002130366	90/02/01	50-346 P
9002120281	9002120261	90/01/25	71-24	9002130378	9002130375	90/02/01	50-346 Q
9002120302	9002120297	90/01/29	50-313 R	9002130379	9002130376	90/02/01	50-341 Q
9002120303	9002120291	90/02/05	50-455 R	9002130381	9002130376	90/02/01	50-341 Q
9002120304	9002120297	90/01/29	50-313 R	9002130383	9002130382	90/02/05	WASTE MGT
9002120306	9002120297	90/01/29	50-313 R	9002130384	9002130385	90/02/07	WASTE MGT
9002120324	9002120321	90/01/31	50-445 Q	9002130386	9002130385	90/02/02	50-341 Q
9002120326	9002120323	90/01/31	71-79	9002140004	9002140003	90/02/06	50-295 Q
9002120333	9002120331	90/01/26	50-395 P	9002140008	9002140005	90/02/06	50-295 Q
9002120360	9002120356	90/01/29	50-443 G	9002140009	9002140007	90/02/07	50-458 Q
9002120368	9002120365	90/01/29	50-369 P	9002140010	9002140006	90/01/23	50-528 Q
9002120370	9002120365	90/01/29	50-369 P	9002140011	9002140006	90/01/23	50-528 Q
9002120372	9002120365	90/01/29	50-369 P	9002140028	9002140026	90/02/02	50-346 Q
9002130002	8912080108	89/10/27	40-8027	9002140037	9002140033	90/02/08	50-482 Q
9002130003	8912080108	89/10/27	40-8027	9002140066	9002140065	90/02/02	50-529 Q
9002130006	9002130005	90/02/05	50-271 P	9002140070	9002140065	90/02/02	50-529 P
9002130008	9002130005	90/02/05	50-271 P	9002140071	9002140064	90/02/09	50-130 P
9002130018	9002130016	90/02/02	50-423 P	9002140076	9002140073	90/01/24	50-413 P
9002130019	9002130016	90/02/02	50-423 P	9002140078	9002140073	90/01/24	50-413 P
9002130023	9002130017	90/02/08	70-25	9002140083	9002140069	90/02/06	50-334 P
9002130044	9002130039	90/02/01	50-348 Q	9002140086	9002140069	90/02/06	50-334 P
9002130057	9002130053	90/02/05	50-237 P	9002140091	9002140085	90/01/24	71-529 P
9002130062	9002130053	90/02/05	50-237 P	9002140095	9002140085	90/01/24	71-529 P
9002130065	9002130059	90/02/01	50-289 P	9002140106	9002140103	90/01/31	50-454 P
9002130072	9002130059	90/02/01	50-289 P	9002140127	9002140124	90/01/31	50-302 P
9002130077	9002130063	90/02/01	50-320 Q	9002140129	9002140124	90/01/31	50-302 P
9002130081	9002130078	90/01/31	CONTRACT	9002140130	9002140126	90/02/02	STATE PRO
9002130085	9002130078	90/01/31	CONTRACT	9002140133	9002140131	90/02/02	50-338 P
9002130098	9002130096	90/02/01	50-272 Q	9002140136	9002140131	90/02/02	50-338 P
9002130110	9002130101	90/02/09	FOIA	9002140139	9002140085	90/01/24	71-529 P
9002130115	9002130109	90/02/01	50-220 Q	9002140141	9002140138	90/02/05	50-412 P
9002130116	9002130101	90/02/09	FOIA	9002140142	9002140138	90/02/05	50-412 P
9002130122	9002130120	90/02/01	50-29 Q	9002140153	9002140151	90/02/02	50-259 P
9002130125	9002060396	90/01/24	50-410 R	9002140165	9002140162	90/02/06	50-316 Q
9002130126	9002130121	90/02/05	50-280 P	9002140184	9002140183	90/02/02	50-244 Q
9002130130	9002130121	90/02/05	50-280 P	9002140197	9002140195	90/02/05	50-413 P
9002130137	9002130131	90/02/02	50-285 Q	9002140215	9002140210	90/01/11	50-317 Q
9002130152	9002130144	90/02/02	PR	9002140220	9002140217	90/02/08	50-219 P
9002130155	9002130151	90/02/05	CONTRACT	9002140224	9002140217	90/02/08	50-219 P
9002130167	9002130162	90/02/05	50-348 P	9002140225	9002140210	90/01/11	50-317 Q
9002130176	9002130173	90/01/31	CONTRACT	9002140232	9002140221	90/02/08	50-213 Q
9002130180	9002130178	90/01/31	50-302 Q	9002140237	9002140221	90/02/08	FOIA
9002130186	9002130185	90/01/24	CONTRACT	9002140243	9002140221	90/02/09	FOIA
9002130192	9002130187	90/02/01	70-143	9002140246	9002140221	90/02/09	FOIA
9002130200	9002130197	90/02/02	50-348 P	9002140248	9002140247	90/02/01	50-400 P
9002130204	9002130198	90/02/01	50-220 H	9002140251	9002140221	90/02/09	FOIA
9002130209	9002130203	90/02/08	FOIA	9002140261	9002140258	90/02/08	50-458 Q
9002130213	9002130194	90/02/08	FOIA	9002140265	9002140260	90/02/05	50-220 P
9002130214	9002130203	90/02/08	FOIA	9002140271	9002140221	90/02/09	FOIA
9002130215	9002130210	90/01/31	50-250 Q	9002140278	9002140275	90/02/09	40-8027
9002130216	9002130211	90/02/02	71-9196	9002140293	9002140221	90/02/09	FOIA
9002130217	9002130210	90/01/31	50-250 Q	9002140297	9002140221	90/02/09	FOIA
9002130219	9002130203	90/02/08	FOIA	9002140301	9002140221	90/02/09	FOIA
9002130220	9002130194	90/02/08	FOIA	9002140303	9002140221	90/02/09	FOIA
9002130226	9002130223	90/02/01	50-259 Q	9002140305	9002140221	90/02/09	FOIA
9002130229	9002130194	90/02/08	FOIA	9002140306	9002140221	90/02/09	FOIA
9002130230	9002130228	90/02/05	71-6346	9002150006	9002150004	90/02/06	CONTRACT

## CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS 263

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9002150008	9002150007	90/01/22	50-344 Q	9002160162	9002160160	90/02/07	50-272 Q
9002150010	9002150009	90/01/22	50-397 Q	9002160167	9002160165	90/02/09	50-483 Q
9002150016	9002150014	90/02/08	CONTRACT	9002160175	9002160174	90/02/05	50-317 Q
9002150021	9002150018	90/02/08	XPORTLIC	9002160178	9002160174	90/02/05	50-317 Q
9002150022	9002150019	90/02/01	50-424 Q	9002160185	9002160181	90/02/07	50-334 Q
9002150024	9002150019	90/02/01	50-424 Q	9002160187	9002160182	90/02/01	40-8546 P
9002150030	9002140221	90/02/09	FOIA	9002160190	9002130362	90/02/01	50-346 P
9002150035	9002140064	90/02/09	50-130 P	9002160196	9002160194	90/02/02	50-219 P
9002150047	9002140221	90/02/09	FOIA	9002160200	9002160194	90/02/02	50-219 P
9002150055	9002150040	90/02/12	40-2061	9002160201	9002160197	90/01/30	50-461 P
9002150059	9002090084	90/01/19	50-250 V	9002160202	9002160197	90/01/30	50-461 P
9002150061	9002150020	90/02/06	50-366 P	9002160204	9002160197	90/01/30	50-461 P
9002150078	9002150073	90/02/05	PROJ	9002160205	9002160197	90/01/30	50-461 P
9002150108	9002140064	90/02/09	50-130 P	9002160226	9002160225	90/02/01	50-354 P
9002150111	9002140064	90/02/09	50-130 P	9002160227	9002160225	90/02/01	50-354 P
9002150114	9002140064	90/02/09	50-130 P	9002220002	9002220001	90/02/14	50-282 P
9002150116	9002140064	90/02/09	50-130 P	9002220017	9002220008	90/02/12	50-443 P
9002150118	9002140064	90/02/09	50-130 P	9002220022	9002220019	90/02/09	50-281 P
9002150121	9002140064	90/02/09	50-130 P	9002220023	9002220019	90/02/09	50-281 P
9002150124	9002140064	90/02/09	50-130 P	9002220035	9002220030	90/02/13	CONTRACT
9002150125	9002140064	90/02/09	50-130 P	9002220036	9002220034	90/02/15	50-388 Q
9002150128	9002150123	90/02/01	50-443 Q	9002220040	9002220028	90/02/13	50-443 Q
9002150133	9002150131	90/02/02	50-382 Q	9002220057	9002220051	90/02/12	50-382 Q
9002150135	9002150132	90/02/05	50-388 P	9002220062	9002220051	90/02/12	50-382 Q
9002150153	8912140191	89/08/31	40-8681	9002220072	9002220069	90/01/26	50-369 P
9002150158	9002150155	90/02/09	50-327 P	9002220082	9002220073	90/02/06	50-440 Q
9002150203	9002150204	90/02/02	50-244 S	9002220087	9002220085	90/02/09	50-443 Q
9002150206	9002150204	90/02/02	50-244 S	9002220089	9002220073	90/02/06	50-440 Q
9002150211	9002150207	90/01/30	50-528 S	9002220101	9002220092	90/02/08	50-249 P
9002150216	9002150213	90/02/05	50-213 V	9002220102	9002220100	90/01/25	50-277 P
9002150228	9002150225	90/02/01	50-245 P	9002220105	9002220103	90/02/06	50-266 Q
9002150240	9002150213	90/02/05	50-213 V	9002220108	9002220081	90/02/13	50-261 P
9002150250	9002150243	90/02/07	50-334 P	9002220109	9002220106	90/01/30	50-275 P
9002150251	9002150243	90/02/07	50-334 P	9002220116	9002220113	90/02/12	50-213 P
9002150256	9002150253	90/02/08	50-382 Q	9002220119	8906020393	89/05/24	50-324 P
9002150258	9002150255	90/01/31	50-400 Q	9002220125	9002220121	90/02/06	50-423 P
9002150260	9002150255	90/01/31	50-400 Q	9002220134	9002220130	90/02/13	WASTE MGT
9002150274	9002150270	90/02/02	50-458 P	9002220135	9002220129	90/02/13	40-8902 F
9002150279	9002150277	90/01/29	50-353 P	9002220138	9002220133	90/01/29	50-275 F
9002150284	9002150276	90/02/07	FOIA	9002220139	9002220130	90/02/13	WASTE MGT
9002150289	9002150288	90/01/30	50-327 Q	9002220143	9002220133	90/01/29	50-275 F
9002150290	9002150287	90/02/05	50-445 Q	9002220146	9002220145	90/02/06	50-263 Q
9002150291	9002150288	90/01/30	50-327 Q	9002220163	9002220159	90/02/16	50-454 K
9002150295	9002150293	90/02/07	50-389 P	9002220165	9002220161	90/02/13	50-416 P
9002150297	9002150293	90/02/07	50-389 P	9002220185	9002220181	90/02/14	50-315 P
9002150312	9002150308	90/02/07	ORG	9002220187	9002220178	90/02/09	CONTRACT
9002150331	9002150323	90/02/01	70-27 P	9002220189	9002220180	90/01/23	CONTRACT
9002150340	9002150299	90/02/07	50-250 P	9002220190	9002220184	90/02/07	50-482 P
9002150368	9002150326	90/02/06	50-285 P	9002220197	9002220193	90/01/23	CONTRACT
9002150370	9002150326	90/02/06	50-285 P	9002220198	9002220191	90/02/09	50-416 P
9002150387	9002150328	90/02/08	40-2061	9002220201	9002220199	90/02/12	40-8904 CONTRACT
9002150388	9002150328	90/02/08	40-2061	9002220214	9002220208	90/01/23	50-255 Q
9002150389	9002150328	90/02/08	40-2061	9002220216	9002220210	90/02/07	50-354 Q
9002160006	9002160004	90/01/31	50-346 P	9002220217	9002220215	90/02/07	50-354 Q
9002160008	9002160004	90/01/31	50-346 P	9002220222	9002220215	90/02/07	50-354 Q
9002160016	9002160014	89/11/28	50-341 P	9002220227	9002220221	90/02/09	50-352 Q
9002160018	9002160014	89/11/28	50-341 P	9002220234	9002220231	90/02/07	50-247 Q
9002160026	9002150328	90/02/08	40-2061	9002220235	9002220230	90/02/12	50-395 P
9002160031	9002150328	90/02/08	40-2061	9002220239	9002220230	90/02/12	50-395 P
9002160034	9002150328	90/02/08	40-2061	9002220250	9002220244	90/02/06	50-266 Q
9002160040	9002160037	90/02/01	50-461 V	9002220266	9002220264	90/01/17	71-52 Q
9002160068	9002160067	90/02/05	50-397 P	9002220271	9002220268	90/02/07	50-247 Q
9002160080	9002160076	90/02/09	50-602 A	9002220285	9002220282	90/02/06	50-254 Q
9002160081	9002160076	90/02/09	50-602 A	9002220287	9002220280	90/02/07	50-443 Q
9002160083	9002160076	90/02/09	50-602 A	9002220289	9002220284	90/02/06	50-373 Q
9002160088	9002160085	90/01/26	50-113 Q	9002220308	9002220304	90/02/14	50-206 F
9002160092	9002160131	90/01/31	50-454 P	9002220311	9002220295	90/02/09	50-341 F
9002160094	9002160090	90/02/02	50-458 P	9002220312	9002220310	90/02/02	50-445 Q
9002160106	9002160103	90/02/09	71-18	9002220315	9002220307	90/02/01	CONTRACT
9002160112	9002160103	90/02/09	71-18	9002220327	9002220322	90/02/07	50-269 P
9002160114	9002160103	90/02/09	71-18	9002220329	9002220322	90/02/07	50-269 P
9002160118	9002160116	90/01/31	50-461 P	9002220333	9002220332	90/02/07	50-269 P
9002160119	9002160116	90/01/31	50-461 P	9002220335	9002220332	90/02/07	50-413 P
9002160130	9002160127	90/02/01	50-322 P	9002220353	9002220342	90/02/09	50-443 H
9002160132	9002160127	90/02/01	50-322 P	9002220357	9002220352	90/02/14	50-390 A
9002160133	9002160131	90/01/31	50-454 P	9002220358	9002220355	90/02/12	50-483 P
9002160140	9002160138	90/02/14	FOIA	9002220359	9002220355	90/02/12	50-483 P
9002160141	9002160139	90/02/02	50-397 P	9002220364	9002220356	90/02/12	50-382 P
9002160142	9002160138	90/02/14	FOIA	9002220378	9002220377	90/02/14	50-327 P
9002160143	9002160138	90/02/14	FOIA	9002220385	9002220382	90/02/14	50-327 P
9002160144	9002160138	90/02/14	FOIA	9002220396	9002220395	90/02/09	50-286 P
9002160146	9002160145	90/01/31	50-454 P	9002220399	9002220394	90/02/14	50-341 P
9002160149	9002160148	90/02/02	50-261 Q	9002220410	9002220407	90/02/12	50-395 P
9002160150	9002160147	90/01/11	CONTRACT	9002220440	9002220384	90/02/14	50-155 P
9002160152	9002160151	90/02/02	50-302 Q	9002220451	9002220445	90/02/12	50-148 Q
9002160153	9002160151	90/02/02	50-302 Q	9002220464	9002220462	90/02/08	50-259 P
9002160156	9002160155	90/01/23	CONTRACT	9002220475	9002220473	90/02/07	50-315 P

# 264 CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

ACCESSION NUMBER				ACCESSION NUMBER			
ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY	ENCLOSURE	PRINCIPAL DOCUMENT	DATE ISSUED	SUBJECT CATEGORY
9002220517	9002220407	90/02/12	50-395 P	9002230187	9002230175	90/01/31	50-295 P
9002220580	9002220578	90/02/13	50-333 P	9002230190	9002230175	90/01/31	50-295 P
9002220588	9002220583	90/02/13	50-528 P	9002230192	9002230181	90/02/05	50-443 P
9002220590	9002220583	90/02/13	50-528 P	9002230197	9002230175	90/01/31	50-295 P
9002220633	9002220630	90/02/20	FOIA	9002230198	9002230175	90/01/31	50-295 P
9002220639	9002220636	90/02/09	50-289 V	9002230223	9002230214	90/02/16	FOIA
9002220672	9002220671	90/02/14	50-298 P	9002230262	9002280204	90/02/15	50-289 R
9002220695	9002220692	90/02/09	50-315 P	9002230271	9002230265	90/02/15	50-280 Y
9002220701	9002220697	90/02/07	50-295 Q	9002230280	9002230265	90/02/15	50-280 Y
9002220714	9002220712	90/02/06	50-286 Q	9002230282	9002230265	90/02/15	50-280 Y
9002220724	9002220712	90/02/06	50-286 Q	9002230288	9002230265	90/02/15	50-280 Y
9002220745	9002220743	90/02/05	50-346 P	9002230355	9002230339	90/02/23	71-693
9002220746	9002220743	90/02/05	50-346 P	9002230366	9002230344	90/02/01	PR
9002220747	9002220743	90/02/05	50-346 P	9002230373	9002230315	90/02/08	50-413 Q
9002220710	9002230009	90/02/15	FOIA	9002230374	9002230315	90/02/08	50-413 Q
9002230011	9002230009	90/02/15	FOIA	9002230376	9002230315	90/02/08	50-413 Q
9002230015	9002230009	90/02/15	FOIA	9002230389	9002230386	90/02/12	70-27
9002230018	9002230009	90/02/15	FOIA	9002230391	9002230386	90/02/12	70-27
9002230020	9002230009	90/02/15	FOIA	9002230398	9002230397	90/02/08	50-324 P
9002230023	9002230009	90/02/15	FOIA	9002230417	9002230409	90/02/09	50-361 P
9002230026	9002230017	90/02/12	50-219 P	9002230434	9002230433	90/02/13	50-346 P
9002230027	9002230009	90/02/15	FOIA	9002230438	9002230437	90/02/14	50-397 P
9002230032	9002230009	90/02/15	FOIA	9002230446	9002230444	90/02/14	50-277 P
9002230036	9002230017	90/02/12	50-219 P	9002230449	9002230445	90/02/07	50-334 Q
9002230040	9002230009	90/02/15	FOIA	9002230451	9002230445	90/02/07	50-334 Q
9002230043	9002230009	90/02/15	FOIA	9002230483	9002230458	90/02/16	50-322 H
9002230048	9002230009	90/02/15	FOIA	9002230489	9002230486	90/02/12	50-395 H
9002230052	9002230009	90/02/15	FOIA	9002230472	9002230467	90/02/20	50-341 Q
9002230057	9002230009	90/02/15	FOIA	9002230475	9002230467	90/02/20	50-341 Q
9002230060	9002230009	90/02/15	FOIA	9002230477	9002230474	90/02/05	50-245 Q
9002230068	9002230066	90/02/13	50-250 H	9002230479	9002230476	90/02/13	50-456 Q
9002230072	9002230066	90/02/13	50-250 H	9002230487	9002230483	90/02/02	50-245 Q
9002230075	9002230066	90/02/13	50-250 H	9002230488	9002230483	90/02/02	50-245 Q
9002230108	9002230100	90/02/06	50-220 Q	9002230509	9002230501	90/02/12	50-602 A
9002230122	9002230100	90/02/06	50-220 Q	9002230513	9002230508	90/02/22	WASTE MGT
9002230125	9002230120	90/01/17	50-400 Q	9002230551	9002230549	90/02/13	50-483 Q
9002230144	8905190168	89/05/05	CONTRACT	9002270142	9002220200	90/02/14	71-3011
9002230158	9002230110	90/02/16	FOIA	9002270147	9002220200	90/02/14	71-3011
9002230159	9002230156	90/01/31	COMMISSIO	9002270186	9002270184	90/02/23	50-397 Q
9002230166	9002230156	90/01/31	COMMISSIO	9002270189	9002270184	90/02/23	50-397 Q
9002230167	9002230165	90/02/12	50-293 P	9002270196	9002270184	90/02/23	50-397 Q
9002230170	9002230156	90/01/31	COMMISSIO	9002270202	9002270184	90/02/23	50-397 Q
9002230171	9002230110	90/02/16	FOIA	9002270210	9002270184	90/02/23	50-397 Q
9002230173	9002230165	90/02/12	50-293 P	9002270219	9002270184	90/02/23	50-397 Q
9002230179	9002230110	90/02/16	FOIA	9002280008	9002280005	90/02/16	50-443 Q
9002230183	9002230175	90/01/31	50-295 P	9002280060	9002280053	90/02/13	40-2061 R
9002230186	9002230181	90/02/05	50-443 Q	9002280206	9002280204	90/02/15	50-269 P
				9002280234	9002280225	90/02/05	50-317 P
				9002280262	9002280256	90/02/27	50-458 M

---

# APPENDIX A

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### A. APPLICATION/CONSTRUCTION STAGE DOCUMENTS AND CORRESPONDENCE

---

This category follows the application from submission to the day preceding the issuance of an operating license. It includes all correspondence and documents with substantive technical content that do not fall into other specific categories. Included are:

1. Application for construction permit.
2. General Information submitted with construction permit application.
3. Amendments and changes submitted by applicants and licensees.
4. NRC questions, requests for additional information, and applicant responses.
5. Early site review.
6. Correspondence and documents relating to unresolved design and construction issues.
7. Meeting announcements and summaries of meeting discussions on issues of item 6.
8. Correspondence regarding the utility Preliminary Safety Analysis Report (PSAR).
9. Information on laws and changes in regulations or policy that affect the status of the application (National Environmental Policy Act (NEPA), Water Quality Improvement Act, Water Pollution Control Act, etc.).
10. Construction Permit, amendments, and correspondence relating to the construction permit and related orders issued by the Office of Nuclear Reactor Regulation (NRR show cause and modifications) not involving the Atomic Safety Licensing and Appeal Board.
11. Scheduling of license application submission or review.
12. Environmental review information (other environmental documents are filed in Categories C, D, P, or R).
13. Seismic qualification review teams (SQRT) reports and related correspondence.
14. Application for operating license.
15. General Information submitted with operating license application.
16. Amendments and changes submitted by applicants and licensees.
17. Correspondence regarding the utility Final Safety Analysis Report (FSAR) and the Updated Final Safety Analysis Report (USAR).
18. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; *not covered by an IE Bulletin.*

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

- |  |   |
|--|---|
| <p>19. Safety Evaluation Reports (SERs) on specific generic issues.</p> <p>20. Reports of site visits.</p> | <p>21. Backup technical documents (e.g., topical reports) submitted in support of the application.</p> <p>22. Proposed equipment failure/instructions.</p> <p>23. NRC's changes in internal organizational structure.</p> |
|--|---|

---

### B. UTILITY PRELIMINARY SAFETY ANALYSIS REPORTS (PSAR) AND AMENDMENTS

---

- |  |  |
|--|--|
| <p>All related correspondence is filed in Category A.</p> <p>1. Preliminary Safety Analysis Report (PSAR) submitted by utility (formerly called Hazards Summary Report or Safety Analysis Report).</p> | <p>2. Amendments and changes to the PSAR.</p> <p>3. Transmittal and acknowledgment letters.</p> <p>4. Certificates of service to the PSAR.</p> |
|--|--|

---

### C. UTILITY ENVIRONMENTAL REPORT (ER), AMENDMENTS AND CORRESPONDENCE

---

- |  |  |
|--|--|
| <p>1. Environmental Report (ER) submitted by the utility.</p> <p>2. Amendments and supplements to the ER.</p> <p>3. Transmittal and acknowledgment letters.</p> <p>4. Information on scheduling of submittal or review of ER.</p> <p>5. NRC questions, requests for additional information, and applicant responses.</p> | <p>6. Federal Register notices citing the availability of items 1 and 2.</p> <p>7. Correspondence relating to the review of ER.</p> <p>8. Meeting announcements or reports of meetings where the primary subject of discussion is the ER.</p> <p>9. Correspondence relating to certification of pollution control devices.</p> <p>NOTE: Other environmental documents are filed in Categories A, D, P, or R.</p> |
|--|--|



---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### D. NRC DRAFT AND FINAL ENVIRONMENTAL (IMPACT) STATEMENTS (DES AND FES), SUPPLEMENTS AND CORRESPONDENCE

---

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Draft and Final Environmental (Impact) Statements (DES and FES) prepared by NRC.</li> <li>2. Supplements to the DES and FES.</li> <li>3. Correspondence relating to the DES and FES.</li> <li>4. Comments from other Federal, State, and local government agencies; organizations; and interested individuals.</li> <li>5. Transmittal and acknowledgment letters.</li> <li>6. Documents related to NRC review of environmental issues or of the ER obtained for purposes of writing the environmental statements.</li> </ol> | <ol style="list-style-type: none"> <li>7. Backup technical documents submitted in connection with above.</li> <li>8. Federal Register notices citing availability of items 1 and 2.</li> <li>9. Reports of site visits to obtain information for the DES or FES.</li> <li>10. Meeting announcements or reports of meetings where the primary subject of discussion is the DES or FES.</li> </ol> <p>NOTE: Other environmental documents and correspondence are filed in Categories A, C, P, or R.</p> |
|---|---|
- 

### E. NRC SAFETY EVALUATION REPORTS (SER), SUPPLEMENTS AND CORRESPONDENCE

---

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Formal Safety Evaluation Report (SER) prepared by NRC (formerly called NRC-AEC Hazard Analysis Report) in review of PSAR.</li> <li>2. Supplements to the SER.</li> <li>3. Correspondence relating to the SER and supplements.</li> <li>4. Federal Register notices citing availability of items 1 and 2.</li> <li>5. Information on scheduling of SER submittals and review.</li> </ol> | <ol style="list-style-type: none"> <li>6. Requests for additional information for use in preparing SER; responses to such requests.</li> <li>7. Meeting announcements or reports of meetings where the primary subject of discussion is the SER.</li> <li>8. Transmittal and acknowledgment letters.</li> </ol> <p>NOTE: Other documents dealing with specific safety-related issues are filed in Categories A, P, or W, depending on the phase of the licensing process.</p> |
|---|---|

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### F. SECURITY, MEDICAL, EMERGENCY, AND FIRE PROTECTION PLANS

---

All plans in this category are individual submissions. Emergency and Fire Protection Plans submitted as part of the licensing application are filed in this category.

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Fire Hazard Protection Plans and surveys.</li> <li>2. Plant evacuation correspondence.</li> <li>3. Safeguards Contingency Plans.</li> <li>4. Health Physics Program and its review.</li> <li>5. Emergency Plans.</li> </ol> | <ol style="list-style-type: none"> <li>6. Correspondence relating to aforementioned plans.</li> <li>7. Supplements, changes, and revisions to plans.</li> <li>8. Correspondence and documentation relating to Appendix R of 10 CFR Part 50 (fire protection), guard training, emergency response centers, and emergency preparedness.</li> <li>9. Transmittal and acknowledgment letters.</li> <li>10. Meeting announcements and reports of meetings where the primary subject of discussion is related to the aforementioned plans and topics covered in item 8.</li> </ol> |
|---|--|

---

### G. LEGAL AND ADJUDICATORY CORRESPONDENCE

---

This category contains all non-antitrust legal and adjudicatory documentation, except for transcripts, briefings, and testimony, which are filed in Category T. Show-cause orders and modification orders issued by the Office of Nuclear Reactor Regulation (NRR) (not before the Board) are filed in Categories A and P. Exhibits to the proceedings (Hearings) are located in the PDR but are available upon request to the PDR from the Docketing and Service Branch, Office of the Secretary.

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) hearing-related documents.</li> </ol> | <ol style="list-style-type: none"> <li>4. Motions, briefs, arguments, statements, and related correspondence filed by participants for hearings.</li> <li>5. Transmittal of supporting documents (e.g., SER, FES) to the Boards.</li> <li>6. Correspondence to and from intervenors.</li> <li>7. Board orders and decisions.</li> <li>8. Petitions for Commission action.</li> <li>9. Legal filings and Commission orders and decisions resulting from item 8.</li> </ol> |
|---|---|

r notices regarding hearings.

rances at hearings.

NOTE: Since 1982, letters of concern, support, or opposition for all plants are filed in a General Public Comments folder.

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### H. GENERAL CORRESPONDENCE

---

This category includes documents with little or no bearing on the status of the application or license. Items that have no substantive technical content and administrative documents are included.

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Change of address notifications (external only).</li> <li>2. Changes in structure of organization (external only).</li> <li>3. Changes in service lists.</li> <li>4. NRC requests to applicants for additional copies of documents.</li> <li>5. Correspondence from the public requesting information about the facility and NRC responses.</li> <li>6. Correspondence on strictly administrative matters.</li> </ol> | <ol style="list-style-type: none"> <li>7. Letters of support, concern, or opposition to the facility.</li> <li>8. Correspondence regarding the Local Public Document Rooms (LPDRs).</li> <li>9. Professional qualification statements not pertaining to the hearing process.</li> <li>10. Constituent, organizational, or utility correspondence forwarded by Congressman to NRC for response.</li> <li>11. Resolutions passed by State and local governing bodies (e.g., town councils).</li> </ol> |
|---|--|

NOTE: Since 1982, letters of concern, support, or opposition for all plants are filed in a General Public Comments folder.

---

### I. FINANCIAL INFORMATION

---

This category contains all financial information except that submitted as part of the application or its amendments or relating to the imposition of civil penalties.

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Company annual reports, auditor statements, and stock prospectuses for all companies holding ownership.</li> </ol> | <ol style="list-style-type: none"> <li>2. Separately submitted financial information and related correspondence.</li> <li>3. Transcripts and testimony before State commissions pertinent to financial information requested by NRC.</li> </ol> |
|--|---|

---

### J. INSURANCE AND INDEMNITY INFORMATION

---

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Indemnity agreements and amendments.</li> <li>2. Endorsements of insurance policies.</li> </ol> | <ol style="list-style-type: none"> <li>3. Other correspondence regarding indemnity and insurance matters.</li> </ol> |
|---|--|

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### K. UTILITY FINAL SAFETY ANALYSIS REPORT (FSAR), UPDATED FINAL SAFETY ANALYSIS REPORTS (USAR), AND AMENDMENTS

---

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Final Safety Analysis Report (FSAR), (formerly called Final Hazards Summary Report), submitted by the utility.</li> <li>2. Updated Final Safety Analysis Report (USAR) submitted by the utility and periodically updated to incorporate new information or modifications to the facility.</li> <li>3. Amendments and changes to the FSAR and USAR.</li> </ol> | <ol style="list-style-type: none"> <li>4. Federal Register notices citing availability of the FSAR and amendments.</li> <li>5. Transmittal and acknowledgment letters.</li> <li>6. Certificates of service to the FSAR and USAR.</li> </ol> <p>NOTE: All related correspondence falls in Category A or P. Emergency and Fire Protection Plans submitted as part of the licensing application are filed in Category F.</p> |
|---|---|
- 

### L. LIMITED WORK AUTHORIZATIONS (LWA) AND RELATED CORRESPONDENCE

---

- |  |  |
|--|--|
| <p>This category is limited to documents pertaining to Limited Work Authorizations (LWAs) whereby applicants can carry out limited site preparation and construction prior to the granting of a Construction Permit.</p> | <ol style="list-style-type: none"> <li>1. Limited Work Authorizations (LWAs) and amendments</li> <li>2. Correspondence pertaining to work performed under LWAs.</li> </ol> |
|--|--|
- 

### M. ANTITRUST REVIEWS AND ANTITRUST CORRESPONDENCE

---

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Documents submitted as part of the application for a Construction Permit and Operating License entitled "Information Requested by the Attorney General for Antitrust Review".</li> <li>2. Correspondence where the primary topic of discus-</li> </ol> | <p>sion is antitrust matters.</p> <ol style="list-style-type: none"> <li>3. All antitrust proceeding documents, except for hearing transcripts, testimony, and briefings, which are filed in Category N.</li> </ol> |
|--|---|
- 

### N. ANTITRUST HEARING TRANSCRIPTS, TESTIMONY, AND BRIEFINGS

---

This category contains word-for-word transcripts of hearings, testimony, and briefings in antitrust matters. Related correspondence falls in Category M.

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### O. ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS) REPORTS AND CORRESPONDENCE

---

This category contains plant-specific documents pertaining to ACRS safety reviews.

1. ACRS reports relating to facility license applications.
2. Announcement of ACRS meetings relating to facility license applications, including description of meeting agendas.
3. Statements and written testimony of ACRS members or presented by individuals at ACRS proceedings,

relating to both facility license applications and safety-related matters.

4. Technical correspondence, and memoranda to and from ACRS, including transmittal and acknowledgment letters relating to facility license applications.

NOTE: For generic and document-specific safety-related material, transcripts of ACRS subcommittee and full committee meetings, minutes, and ACRS reports (consultant, contract, and letter), see ACRS file category.

---

### P. OPERATING LICENSE STAGE DOCUMENTS AND CORRESPONDENCE

---

This file assumes the position of the Application/Construction Stage (Category A) file for general technical items dated from the issuance of the operating license to the application for termination of the license.

1. Operating license, amendments, proposed amendments, changes, and related correspondence.
2. Show-cause and modification orders issued by NRR (not before the Board) for the operating license.
3. Technical specifications and changes.
4. Backup technical documents (e.g., topical reports) submitted in support of items 1 and 2.
5. Federal Register notices citing availability of item 1 and the FSAR.
6. Correspondence regarding the utility Final Safety Analysis Report (FSAR) and/or the Updated Final Safety Analysis Report (USAR).
7. All general technical correspondence, meeting announcements or meeting summaries relating to Technical Specifications, the Operating License or technical issues arising after the issuance of the Operating License.
8. Correspondence regarding codes (e.g., American Society of Mechanical Engineers), regulations, laws, or changes in policy that may affect plant operation or bear on the Operating License.
9. Information on the Standard Review Plan (STP).
10. Results of surveys or tests conducted in accordance with the Technical Specifications (not periodic reports, which fall in Category R).
11. Correspondence relating to NRC's Systematic Evaluation Program (SEP).



---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

- |   |   |
|---|---|
| <p>12. Owner's group meeting announcements and reports.</p> <p>13. Quality assurance information.</p> <p>14. Environmental matters (technical).</p> <p>15. Seismic qualification review team (SQRT) reports and related correspondence.</p> <p>16. Emergency core cooling system documents.</p> <p>17. Radioactive waste information excluding onsite storage of low-level waste, filed in Category X, and independent spent fuel installations of high-level waste, filed in Category Y.</p> <p>18. Correspondence regarding expansion of spent fuel storage pool.</p> | <p>19. Start-up test reports.</p> <p>20. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; <i>not covered by an IE Bulletin.</i></p> <p>21. SERs on specific generic issues.</p> <p>22. Proposed equipment failure/instructions.</p> <p>23. Inservice testing (not inspections).</p> <p>24. Reports of site visits.</p> <p>25. Application to voluntarily surrender license, dismantle, and dispose of component parts.</p> <p>26. Changes in NRC's internal organizational structure.</p> |
|---|---|
- 

### Q. INSPECTION REPORTS; OFFICE OF INSPECTION AND ENFORCEMENT RESPONSE TO BULLETINS, CIRCULARS AND INFORMATION NOTICES, CIVIL PENALTIES, AND RELATED CORRESPONDENCE

---

- |   |  |
|---|--|
| <p>1. Inspection reports.</p> <p>2. Responses to IE Bulletins (formerly called Regulatory Operations (RO) Bulletins), Circulars (not published since 1981) and Information Notices.</p> <p>3. Responses by applicant to IE correspondence.</p> <p style="padding-left: 40px;">ation of proprietary nature of</p> <p style="padding-left: 40px;">reas of noncompliance.</p> <p style="padding-left: 40px;">ions and proce-</p> | <p>7. Correspondence and orders relating to imposition and payment of civil penalties, including Notification of Significant Enforcement Actions (ENs).</p> <p>8. Any correspondence relating to inspection and enforcements that does not specifically relate to incidents or events as defined in Category S.</p> <p>9. Health physics inspections/appraisals.</p> <p>10. Emergency preparedness inspections/appraisals.</p> <p>11. Inspections and related correspondence from the International Atomic Energy Agency.</p> <p>12. Systematic Assessment of Licensee Performance (SALP).</p> |
|---|--|

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

- |   |  |
|---|--|
| 13. Construction Appraisal Team/Construction Assessment Team (CAT) reports.<br><br>A. Integrated Design Inspection (IDI) reports.<br><br>B. Independent Design Verification Program (IDVP) reports. | 15. Performance Appraisal Team (PAT) reports.<br><br>16. Licensee/Vendor interface inspections.<br><br>17. Correspondence relating to items 12, 13, 14, 15 and 16.<br><br>NOTE: For IE Bulletins and Information Notices, see I&E file series. |
| 14. Notice of significant licensee meetings.  |  |
- 

### R. PERIODIC OPERATING REPORTS AND RELATED CORRESPONDENCE

---

This category includes periodic reports of a routine nature.

- |   |  |
|---|--|
| 1. Monthly, semiannual, or annual operating reports (other than financial) for construction and operating stages.<br><br>2. Periodic environmental monitoring, effluent testing, or similar reports.<br><br>3. Periodic personnel exposure reports. | 4. Periodic nonconformance reports (issued pursuant to Board orders).<br><br>5. Operational Logbooks on Environmental Data, Radiological Data, operating log on plant systems core, plant status summary sheets.<br><br>6. Correspondence or other documents relating to the items listed. |
|---|--|
- 

### S. REPORTABLE OCCURRENCES, PNOs, PNSs, AND RELATED CORRESPONDENCE

---

This category contains all materials relating to abnormal, unusual, reportable, or nonroutine occurrences or events. These include:

- |   |  |
|---|--|
| 1. All 24-hour, 10-day, 30-day, interim and final Licensee Event Reports (LERs) and follow-up correspondence (also called Incident Reports, Abnormal Occurrence Reports and Reportable Occurrences).<br><br>2. Potential or possible reportable Deficiency Reports and related correspondence.<br><br>3. Individual Personnel Exposure Reports. | 4. Construction Deficiency Reports submitted under 10 CFR 50.55(e).<br><br>5. Preliminary Notification of Occurrence (PNOs) and Preliminary Notification of Safeguards Events (PNSs).<br><br>6. Environmental Technical Specifications Violation Reports and Environmental Event Reports.<br><br>7. Part 21 Reports or Defects and Noncompliance.<br><br>8. Correspondence or other documents relating to items 1-7. |
|---|--|

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

NOTE: For PNOs and PNSs, see I&E file series.

---

### T. TRANSCRIPTS, TESTIMONY AND BRIEFINGS ON NON-ANTITRUST MATTERS

---

This category contains all word-for-word transcripts, testimony, and briefings, except for congressional matters (Category V), and antitrust matters (Category N).

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) transcripts.</li> <li>2. Testimony and statements submitted to ASLB and ASLAB.</li> <li>3. Commission meeting transcripts.</li> </ol> | <ol style="list-style-type: none"> <li>4. NRC staff briefings to the Commission.</li> <li>5. Statements and written testimony submitted at Commission meeting or hearings.</li> <li>6. Transcripts of utility briefs to NRC staff.</li> <li>7. Corrections to above items.</li> </ol> |
|---|---|

NOTE: Transcripts on specific dockets are also filed on ACRS and 9.21 files series.

---

### U. CONGRESSIONAL/EXECUTIVE CORRESPONDENCE

---

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Statements and testimony before Congress or before bodies/committees appointed by the Executive or Legislative Branches.</li> <li>2. Information supplied for the record of Congressional hearings.</li> <li>3. Correspondence to and from Congress and the Executive Branch on other than constituent response matters.</li> </ol> | <ol style="list-style-type: none"> <li>4. Correspondence to or from State Legislative bodies.</li> </ol> |
|---|--|

NOTE: This category contains correspondence on substantive matters. Routine responses to constituent inquiries are filed in Category H.

---

### V. LICENSING OF OPERATORS AND RELATED CORRESPONDENCE

---

ing on licensing operators and

1 summary sheet.

3. Correspondence pertaining to operator examinations.

---

## DEFINITIONS OF DOCKET 50 CATEGORIES

---

### W. DECOMMISSIONING DOCUMENTS AND CORRESPONDENCE

---

This file assumes the position of the Operating License Stage (Category P) file for general technical items from the order for termination of the operating license onward.

Report on Dismantling, Safety Analysis Report on Decommissioning.

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Order granting authority to dismantle/decommission.</li> <li>2. Technical documents submitted, such as: Decommissioning Plan, Dismantling Plan, Environmental</li> </ol> | <ol style="list-style-type: none"> <li>3. Documents relating to disposal of radioactive material and decontamination of the site.</li> <li>4. Other correspondence relating to decommissioning.</li> <li>5. All documentation relating to the ongoing operation of the plant, formerly filed in Category P.</li> </ol> |
|--|--|
- 

### X. ONSITE STORAGE OF LOW-LEVEL WASTE

---

1. License application, license, proposed amendments and amendments to store low-level waste at a commercial reactor.
2. All related correspondence and reports.

NOTE: These documents will also have a Nuclear Materials Safety and Safeguards (NMSS) license or Docket-30 number associated with the Docket-50 number.

---

### Y. INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS (ISFSI)

---

1. License applications, licenses, amendments and proposed amendments to possess power reactor spent fuel and other radioactive materials associated with spent storage in an independent spent fuel storage installation. (Such spent fuel storage installations may be on a reactor site or at a separate site.)

2. All related correspondence and reports to the above.

NOTE: These documents will have an NMSS license and/or a Docket-72 number. For these installations on a reactor site, the associated Docket-50 number also has been identified.





---

## APPENDIX B

---

### DEFINITIONS OF NONDOCKETED CATEGORIES

---

#### 10 CFR 9.21 – Commission Meeting Records

---

Contains documentation pertaining to open and closed Commission meetings.

1. Sunshine Act Federal Register notices.
  2. Full, written explanation of closed meetings.
  3. Certification by the General Counsel on closed meetings.
  4. Commission Determination Statements signed by the Secretary regarding the public disclosure of transcripts of Commission meetings.
  5. Verbatim unofficial and official transcripts or portions of transcripts of open and closed Commission meetings made publicly available in accordance with provisions of 10 CFR Part 9, the Sunshine Act, and Commission policies.
  6. Enclosures to released transcripts, including applicable viewgraphs, staff papers, and staff correspondence.
  7. Staff Requirements Memoranda for open meetings; memoranda of record; record of votes of Commissioners on items under consideration at meetings.
- 

#### ACRS – Advisory Committee on Reactor Safeguards

---

This category contains documents pertaining to safety-related areas reviewed by ACRS. ACRS serves as an independent advisory committee to the Commission.

1. ACRS reports relating to safety-related matters.
2. Announcements of ACRS meetings relating to safety-related matters, including description of meeting agendas.
3. Transcripts of ACRS subcommittee and full committee meetings relating to both facility license applications and safety-related matters.
4. Statements and written testimony of ACRS members or presented by individuals at ACRS proceedings related to both facility license applications and safety-related matters.
5. Minutes of ACRS subcommittee and full committee meetings relating to both facility license application and safety-related matters.
6. ACRS consultant reports, comments and related correspondence relating to both facility license applications and safety-related matters.
7. Technical correspondence, and memoranda to and from ACRS pertaining to safety-related matters.
8. General correspondence and related material about ACRS, but not authored by ACRS or its consultants.

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

NOTE: For Docket-specific technical correspondence, memoranda and announcements of ACRS meetings, see category O of Docket 50 series.

---

### ADVCM—NRC Advisory Committees

---

This category contains documentation pertaining to the responsibilities of all NRC advisory committees other than the Advisory Committee on Reactor Safeguards. Documents in this category include:

1. Charters of each advisory committee.
  2. Meeting announcements; description of meeting agenda.
  3. Minutes and verbatim transcripts of committee meetings.
  4. Committee-generated reports, memoranda, and correspondence that are publicly available.
  5. Committee-related correspondence.
- 

### COMMISSION—NRC Commissioner Correspondence

---

Contains documentation pertaining to the daily conduct of Commission business in the Office of the Commission.

1. Incoming and outgoing Commission-level correspondence to and from the Commissioners relating to official NRC business, including reports and other enclosures to the aforementioned.
2. Travel vouchers, telephone logs and official appointment calendars of participating Commissioner (placed in the PDR at the discretion of individual Commissioners).
3. Speeches, interviews, and testimony given by Commissioners at meetings, symposia, and Congressional hearings.
4. Weekly Information Reports (SECY series number) prepared by the Executive Director for Operations (EDO) for the Commissioners, providing a summary of key events and items of interest undertaken by individual staff and program offices.

NOTE: For transcripts of Commission meetings, see 10 CFR 9.21. For all other staff papers with a SECY series designation prepared for Commission review, see SECY file category.

---

### CONTRACT—NRC Contracts and Modifications

---

Contains documentation pertaining to AEC and NRC contracts, grants, and Interagency Agreements.

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

- |   |  |
|---|--|
| 1. Notification of contracts and grant execution, specifying contract number; project title; contractor name; contract type; funding and period of performance. | 2. Contractual documents and modifications to contracts. |
|---|--|
- 

### DISCLOSURE—Financial Disclosure Information

---

Contains financial disclosure and conflict of interest information submitted by certain NRC employees in accordance with the Ethics in Government Act of 1978.

---

### FOIA—Freedom of Information Act Requests and Appeals

---

Contains requests for agency records and information about records released in accordance with the provisions of the Freedom of Information Act (FOIA), or denial.

- |   |  |
|---|--|
| 1. Requests made under the FOIA for NRC records (each is assigned a sequential identification number based on the year that the request is made, so that 89-100 refers to the 100th FOIA request made in 1989). | 2. Correspondence between the NRC and the requester relevant to the processing, appeal, denial or granting of an FOIA request, and appeal of a denial. |
|   | 3. Records or portions thereof released in response to FOIA requests made under FOIA appeals.  |
- 

### GEN TECH IS—Generic Technical Issues

---

Contains records pertaining to unresolved safety issues of a generic nature that are being analyzed by the NRC Office of Nuclear Reactor Regulation (NRR).

cussing methodologies, analyses, the program and technical aspects of issues.

- |  |   |
|--|---|
| 1. Draft reports of action plans to accomplish generic tasks in the NRR program. | 3. Meeting notifications and minutes.   |
| 2. Correspondence with industry and within NRC dis-                              | 4. Interim findings and status reports on generic tasks addressing related aspects of Generic Technical Issues. |
- 

### I&E—Inspection and Enforcement Issuances

---

Contains bulletins, circulars and information notices that are issued by the NRC Office of Inspection and Enforcement. These issuances describe some event that has occurred at a facility that may require some follow-

up action by the licensee. Also included in this category are draft bulletins and information notices (I&E Misc), Preliminary Notifications of Events or Unusual Occurrences (PNOs), Preliminary Notifications of Safeguards

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

Events or Unusual Occurrences (PNSs), and Notifications of Significant Enforcement Actions (ENs).

1. I&E Circulars, which describe an event at a licensed facility and are informational in nature (discontinued in 1981).
2. I&E Information Notices, which are similar to circulars but are preliminary in nature and issued shortly after an event has occurred.
3. I&E Bulletins, which describe an event at a licensed facility and request all recipients to perform certain actions as a result of that event.
4. Draft I&E Bulletins and Information Notices which are being considered for issuance, and related comments and evaluations.
5. Preliminary Notifications of Events or Unusual Occurrences (PNOs), which provide updated information of an event of safety or public interest.
6. Preliminary Notifications of Safeguards Events or Unusual Occurrences (PNSs), which provide early notice of events of possible safety significance.
7. Notification of Significant Enforcement Actions (ENs), which provide information on a Notice of Violation and Proposed Imposition of Civil Penalties.

NOTE: For utility responses to such issuances and related correspondence, see Categories Q and S of file.

---

## MISC—Public Document Miscellaneous

---

Contains documents about topics not included in the scope of the other non-docketed categories.

---

## NUREG—Staff and Contractor Formal Reports, Conference Proceedings, Brochures, and Related Correspondence

---

Formal reports on regulatory, technical, and administrative issues of interest to staff, industry, other Governmental entities, and the public are published in the NUREG series.

1. Results of licensing studies of specific plants or facilities preliminary to licensing actions.
2. Results of analyses of general or specific problems of a regulatory or technical nature that are of interest to a major segment of the industry.
3. Action and review plans, as well as guidance, for meeting NRC requirements.
4. Task force reports on specific topics.
5. Proceeding of conferences and workshops.
6. Management and program analysis reports.
7. Statistical analyses that are of interest to the staff, the industry, and the public.
8. Administrative reports that are of interest to the staff, the industry, and the public.
9. Correspondence from industry, government, and the public commenting on reports.

## DEFINITIONS OF NONDOCKETED CATEGORIES

10. Internal NRC memoranda summarizing meetings or discussions pertaining to the contents of the reports.

NOTE: NUREG reports on specific plants or facilities are filed in Docket 50 Categories A, P, E, or D.

---

### ORG—Organization File

---

Contains correspondence with professional organizations, Government agencies, and associations with which NRC is in contact; records other than Regulatory Guides that pertain to NRC's activities in standards development; records pertaining to specific NRC offices; and emergency petitions not assigned Petition for Rulemaking (PRM) numbers that request the Commission to take immediate action on some issue.

1. Meeting summaries and technical correspondence between NRC and professional associations and international bodies, such as the Atomic Industrial Forum and the International Atomic Energy Agency.
2. Correspondence between NRC's Office of Nuclear Regulatory Research and other Government

agencies in which both parties have joint regulatory responsibility; e.g., EPA has authority to control all radioactive pollutants emitted into the air.

3. Internal memoranda, correspondence between NRC and Congress, and other technical correspondence dealing with the role and activities of the Office of Nuclear Regulatory Research in developing standards.

NOTE: For Regulatory Guides and comments on Regulatory Guides issued by the NRC Office of Nuclear Regulatory Research, see the REGGD file category. For petitions for rulemaking filed by the public to amend, rescind or change an NRC regulation, see the PRM file category.

---

### PR—Proposed Rule

---

Contains records dealing with NRC staff proposals to adopt, amend, or repeal a Commission regulation. Proposed Rules (PRs) can be initiated as a result of a Commission directive; a staff proposal; or as a result of a Commission determination that sufficient grounds exist for it to proceed with a petition for change in an NRC regulation (PRM) filed by an outside party or person.

1. Federal Register notice stating the terms or substance of the proposed rule, or a specification of the subject and issues involved.
2. Text of the Proposed Rule (PR).
3. Draft and generic proposed rules and Federal Register notices (PR Misc.).

4. Comments, statements, information, opinions, or arguments on the proposed change to a part of the Code of Federal Regulations, Title 10.

5. Requests from the nuclear industry, organizations, and other parties for written interpretation of the PR.

NOTE: For staff recommendations to the Commission on whether a PR should be adopted, see the SECY file category. For Commission review of staff recommendations, see the 10 CFR 9.21 file category.



---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

---

### PRM—Petition for Rulemaking

---

Contains records dealing with petitions filed with the Commission by an outside party to issue, amend or rescind an NRC regulation.

1. Petitions filed by any interested person or party to issue, amend, or rescind an NRC regulation.
2. Federal Register notice of the filing of the petition.
3. Correspondence between NRC and the Petitioner relevant to the status and substance of the petition.

4. Comments from the nuclear industry, professional associations, public interest groups, and others in favor of or in opposition to the PRM.

5. Statements, motions, orders, and correspondence dealing with emergency petitions filed by parties on such topics as fire protection and a reanalysis of the capacity of operating U.S. plants to withstand earthquakes.

NOTE: For staff recommendations to the Commissioners on whether the PRM should be denied or issued as a Proposed Rule, see the SECY file category. For Commission review of staff recommendations, see the 10 CFR 9.21 file category.

---

### PROJ—Projects

---

Contains records pertaining to two classes of projects: (1) commercial nuclear power plants for which NRC has full licensing responsibilities; and (2) Government-owned reactors for which NRC provides technical expertise and occasional review. Both classes are identified with a "P" prefix, followed by a series of numbers.

1. "Pre-docketed" commercial nuclear power plants

These files contain all documentation up until the time that the NRC considers the application and the Safety Analysis Report (PSAR) is submitted by the utility complete enough for staff review. The unit is then assigned a docket number and the file transferred to the Docket-50 series category.

The documents are grouped together in categories, designated by alphabetic characters. These are the same categories as those used for the Docket-50 series.

#### A. Application/Construction Stage

1. Application submitted by the utility.

2. Meeting notices, summaries and correspondence discussing the completeness and adequacy of the Preliminary Safety Analysis Report (PSAR).

3. Applicant Quality Assurance Manual.

4. Early site review information.

5. Backup technical documents submitted in support of the application.

6. Early site visits.

#### B. Utility Preliminary Safety Analysis Report (PSAR) and Amendments

1. PSAR submitted by the utility.

2. Amendments and change to the PSAR.

3. Transmittal and acknowledgment letters.

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

### G. Adjudicatory Correspondence

1. Motions, briefs, orders, etc., pertaining to pre-hearing conferences, if any.

2. Notices of deviations.

3. Follow-up correspondence resolving deviations cited.

### M. Antitrust Correspondence

1. Submittals and related materials pertaining to the antitrust review.

2. Government-owned reactors

### Q. Inspection Reports

1. Inspection reports of the applicant quality assurance program.

Meeting summaries and technical correspondence between NRC and other Government technical people relating to test reactors, critical experiments, and Department of Defense (DOD) reactors on U.S. Naval ships and other sites.

---

## PT 21 – 10 CFR Part 21 Deficiency Reports

---

Deficiency reports submitted in compliance with Part 21 of Title 10 of the Code of Federal Regulations.

1. Reports by firms involved in the nuclear industry reporting noncompliance with NRC regulations or the existence of defects which could create a substantial safety hazard.

2. Correspondence pertaining to the NRC review of reports to assess the possibility of generic defects.

3. NRC inspection reports of defects cited.

4. Correspondence specifying appropriate follow-up actions taken by the Agency.

---

## QA 999 – Quality Assurance Inspections

---

Contains inspection reports of vendor licensee interface from vendor's view, vendor products, vendor programs including equipment environmental qualification testing, and follow-up correspondence. Each vendor is assigned a docket number and is a part of the QA 999 series.

Vendors are defined as companies, both U.S. and foreign, that are engaged in the design, manufacture, or testing of both nuclear components, or supplying services to the nuclear industry. The controlling criteria are found in 10 CFR Part 21, 10 CFR Part 50, PSAR and FSAR submitted by utilities for specific facilities, and vendor QA Topical Reports.

1. NRC inspection reports of vendor facilities that cover the design, fabrication and testing of components for use in nuclear facilities and vendor/licensee interface.

2. Notices of deviation.

3. Vendor corrective actions and other follow-up correspondence associated with resolution of inspection findings.

NOTE: For vendor licensee interface inspection from licensee's view, see Docket 50 Category Q.

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

### REGGD—Regulatory Guides

---

Contains new and revised Regulatory Guides and related correspondence. These guides describe to the industry and to the public methods acceptable to the NRC staff for implementing specific parts of the NRC regulations. They also delineate techniques used by the staff in evaluating specific problems or postulated accidents or provide guidance to applicants.

1. Federal Register notices announcing the issuance and availability of a proposed Regulatory Guide.
2. Revised or newly issued Regulatory Guides.
3. NRC value/impact assessment.

4. Comments submitted by the nuclear industry and interested members of the public regarding a proposed Regulatory Guide.

5. Summary of meetings held in the NRC to discuss proposed Regulatory Guides.

NOTE: For documentation pertaining to other work products and activities of the NRC Office of Nuclear Regulatory Research, which is responsible for standards development, see the Organization (ORG) file category. Industry codes and standards cited in Regulatory Guides are available for reference use only in the NRC Library.

---

### RES—Research and Technical Assistance Reports

---

Contains reports, generally interim, submitted by NRC contractors providing research and technical assistance to the Commission. It also includes documentation pertaining to research activities of the Commission.

1. *Technical letter reports* provide information on the technical aspects of work by contractors or other government agencies and their contractors. These letter reports may consist of transmittal letters with interim or final informal reports attached, or the technical information may be incorporated in the body of the letter. The form and frequency of reporting is specified in the Contract Statement of Work.

- a. Interim technical letter reports provide information on the technical aspects of the work at various stages and form a basis for development of the formal reports required by the contract. Interim technical letter reports may include, but are not limited to, informal (interim) progress reports, "quick-look" reports, data reports, project descriptions, pretest

predictions, model verifications, experiment safety analyses, experiment operating procedures, facility certification reports, and test results.

- b. Final technical letter reports are prepared to record the results of contract work that comprises review and evaluation of the work of others or work to be used by the staff in the licensing and regulation process. These technical letter reports are not followed by a formal report.
2. *Formal technical reports*, which may be periodic progress reports on long-term projects of final reports, are published in the NUREG/CR series. These reports are final products of research, original investigations, or significant compilations of information, or they may be progress reports.
3. *Research Information Letters* (RILs) summarize research information for staff use. They are prepared in the NRC Office of Nuclear Regulatory Research (RES).

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

4. *Conference Proceedings* report the information presented at conferences sponsored or co-sponsored by NRC. Sponsorship or co-sponsorship by NRC requires that the subjects covered be of interest and value to NRC.

NOTE: For final reports of research conducted by contractors and conference proceedings, see NUREG reports series file. See also the WMRES file for research reports on disposal of high level waste.

---

### REVIEW GRP—Research Review Groups

---

Contains records pertaining to the activities of internal and external Research Review Groups. Such groups provide a broad base of technical expertise to aid management in reviewing research in defined technical areas. They review and comment on research plans and predicted results of major experiments, the validity and applicability of research results; possible redirection of research projects; new research projects; and priorities within the technical areas covered by the Research Preview Group.

1. Agendas for quarterly Review Group meetings.
  2. Summary minutes of Review Group meetings representing views expressed, including dissenting views.
  3. Research plans and predicted results of major experiments and presentations by research contractors.
  4. Comments on meetings from attendees, including representatives from contractors, universities, vendors, and other agencies.
  5. Internal memoranda relating to topics under discussion.
  6. Correspondence related to items 1 through 5.
- 

### RM—Rulemakings

---

Contains records pertaining to public hearings held on proposed changes to the Commission's regulations. Hearings are instituted at the discretion of the Commission based on the importance and the magnitude of the subject under consideration.

1. Designations of the presiding officer and any special directions for the conduct of the hearing.
  2. Notifications of Hearing Board meetings.
  3. Petitions, motions, testimony, and statements submitted by parties to the hearings.
  4. Hearing Board orders and rulings.
  5. Technical reports submitted as evidence in the proceedings.
  6. Reports, if any, of the special Board to the Commission regarding the subject proceeding.
- 

### SECY—Staff Papers (Generally Referred to as SECY Papers) Before the Commission

---

Includes staff papers prepared for the information or approval of the Commission. They are assigned a SECY report series code.

1. Policy Issue Papers are used to present matters relating to policy formulation.

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

2. Rulemaking Issue Papers are used to present rulemaking activities of the Commission.
3. Adjudicatory Issue Papers are used to present matters relating to the granting, suspending, revoking or amending of licenses, or construction permits for nuclear power plants, and activities in which the Commission has an interest.
4. Information Papers are used to provide information to the Commission. Some (e.g., the weekly report of the Executive Director for Operations) provide general information about agency activities without specific reference to policy formulation, rulemaking, or adjudication.

These categories of staff papers may be issued as one of the following: (a) a Commission Meeting paper to be discussed at a Commission meeting; (b) an Affirmation paper which does not require interactive discussion among the Commissioners in a Commission meeting, but by law must be voted upon by the Commissioners in

the presence of each other; (c) a Notation Vote paper which does not require interactive discussion among all Commissioners or formal vote in a meeting, thereby lending itself to a written notation process; (d) a Negative Consent paper which contains issues which the Commission would like brought to its attention before action is taken but which do not require the formality of a Commission vote, and (e) Information Papers which provide information to the Commission and do not call for any action by the Commission.

As a general practice, papers that are regularly released to the public include those that are the subject of discussion at a public meeting of the Commission and those that address unclassified matters pertaining to the export and import of nuclear equipment and material.

NOTE: For Weekly Information Reports prepared by the NRC Office of the Executive Director for Operations to the Commission providing a summary of key events and items of interest undertaken by staff and program offices, see the Commission Correspondence file.

---

## STATE PROG—State Programs

---

Contains records that pertain to the Commission's relations with State Governments. Areas covered include: (1) the State Agreements Program, whereby States may assume certain of the NRC's regulatory authority over nuclear materials; and (2) a wide range of liaison and cooperative activities regarding such functions as licensing and siting.

1. Correspondence between and among NRC Office of Governmental and Public Affairs and State officials, mostly State liaison officers and radiation control management health officials, regarding:

in such technical areas  
ts, water quality, radio-  
and transportation sur-

ement State radiation

- c. Technical assistance to Agreement States in reviewing applications, compliance actions, developing regulations, and in other areas.
2. Agendas, reports, and transcripts of regional workshops and training programs on current matters of policy and regulations, i.e., decommissioning and radioactive waste disposal.
3. State Legislative Reports (discontinued as of December 1984).
4. Agreement State Licensing Statistics Reports (discontinued as of December 1984).

NOTE: For specific uranium milling and mining projects in which the Agency is providing technical assistance to States, see the Projects series file category.



---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

### TOPREP – Topical and Vendor Reports and Correspondence

---

Contains Topical Reports, generally of a technical generic nature, submitted by vendors, and correspondence pertaining to the NRC review of these reports. Vendor-related correspondence that is not docket-specific and documents generated by vendor-related Owner's Groups are also included in this category.

1. Topical reports, dealing with such technical matters as specifications, testing, and safety that are submitted by architects, engineers and other vendors.
2. Revisions, modifications, and amendments to Topical Reports.

3. Correspondence between NRC and vendors pertaining to the review of submittals.
4. Meeting agendas, summaries, minutes and correspondence pertinent to vendor activities, programs, methodologies, and design criteria.
5. Vendor-related Owner's Group meeting announcements, agendas, summaries, reports, and correspondence.

NOTE: For reports submitted by utilities that are written by vendors on their behalf and that relate to docketed cases, see the categories for the docket series.

---

### WASH – AEC-Issued Formal Reports and Correspondence

---

Formal reports that were issued by the U.S. Atomic Energy Commission (AEC) Headquarters staff which carry the WASH series code and correspondence pertaining to those reports. The WASH series, which consisted of

administrative, scientific, and technical reports, ended in 1975 but correspondence is occasionally generated which refers to WASH reports. Post-1975 NRC-issued formal reports carry the NUREG series designation.

---

### WM – Waste Management Documents

---

Contains records dealing with the activities of the NRC Division of High-Level Waste Management. Each topic has been assigned a unique number, prefixed by the letters "WM." Documents in these files include:

1. NRC and DOE precicensing activities regarding the disposal of high-level waste in geologic repositories, pursuant to the Nuclear Waste Policy Act of 1982.
  - a. Technical high-level waste site precicensing documentation.
  - b. Meeting agendas, minutes, and backup documents of DOE/NRC meetings in which DOE presents information on its geologic exploration program to identify sites for nuclear waste repositories.
  - c. Briefings by DOE on research being conducted on nuclear waste management.
2. NRC reviews of the site-by-site implementation of DOE's program for uranium mill tailings remedial actions, pursuant to the Uranium Mill Tailings Radiation Control Act of 1978.

---

## DEFINITIONS OF NONDOCKETED CATEGORIES

---

3. Correspondence and comments between NRC and the Environmental Protection Agency (EPA) pertaining to the high-level waste standard.

5. Correspondence from citizens and other non-government organizations for the above items.

4. NRC topical report reviews and associated correspondence.

NOTE: For contractor research on waste management activities, see the WMRES category.

---

### WMRES—Waste Management and Research Reports

---

Contains interim and final reports, and correspondence between NRC and its contractors regarding preclicensing activities in the area of high-level disposal in geologic repositories, including:

1. Periodic contractor progress reports.

2. Trip reports.

3. Draft and final reports submitted for NRC review or information.

4. Correspondence between NRC staff and contractors related to technical questions or issues to be resolved.

---

### XPORTLIC—Export and Import Licenses

---

Contains records relating to the issuance of licenses to export or import nuclear facilities and materials.

1. License applications and amendments to export or import special nuclear material, source material, byproduct material, reactors, nuclear facility components, or reactor materials.

2. Correspondence between NRC and applicant or licensee pertaining to the review or status of a pending application or license amendment.

3. Commission letters requesting Executive Branch (e.g., U.S. Department of State) views.

4. Review and findings of the Executive Branch on whether issuance of a license would be inimical to the common defense and security of the United States.

5. Correspondence to and from foreign governments, international organizations, and members of the public.

6. Hearing records and decisions.

7. Memoranda from the office of the Secretary to the Executive Director for Operations (EDO) regarding the Commission decision on issuance of a proposed license.

8. Licenses, license amendments, and license renewals for types specified in item 1.

NOTE: For transcripts of Commission meetings and papers submitted for Commissioner consideration or information, see the 10 CFR 9.21 and SECY-series files.

**BIBLIOGRAPHIC DATA SHEET**

(See instructions on the reverse)

2. TITLE AND SUBTITLE

Title List of Documents Made Publicly Available

February 1 - 28, 1990

5. AUTHOR(S)

1. REPORT NUMBER  
(Assigned by NRC. Add Vol., Supp., Rev.,  
and Addendum Numbers, if any.)

NUREG-0540

Vol. 12, No. 2

3. DATE REPORT PUBLISHED

MONTH

YEAR

June

1990

4. FIN OR GRANT NUMBER

6. TYPE OF REPORT

Monthly

7. PERIOD COVERED (Inclusive Dates)

8. PERFORMING ORGANIZATION - NAME AND ADDRESS (If NRC, provide Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address; if contractor, provide name and mailing address.)

Division of Freedom of Information and Publications Services  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

9. SPONSORING ORGANIZATION - NAME AND ADDRESS (If NRC, type "Same as above"; if contractor, provide NRC Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address.)

Same as 8, above.

10. SUPPLEMENTARY NOTES

11. ABSTRACT (200 words or less)

This document is a monthly publication containing descriptions of information received and generated by the U.S. Nuclear Regulatory Commission (NRC). This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials, and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. The following indexes are included: Personal Author, Corporate Source, Report Number, and Cross Reference to Principal Documents.

12. KEY WORDS/DESCRIPTORS (List words or phrases that will assist researchers in locating the report.)

title list

13. AVAILABILITY STATEMENT

Unlimited

14. SECURITY CLASSIFICATION

(This Page)

Unclassified

(This Report)

Unclassified

15. NUMBER OF PAGES

16. PRICE